

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020316\
 Data File : BF084795.D
 Acq On : 3 Feb 2016 20:10
 Operator : SJ/IZ
 Sample : PB88152BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Quant Time: Feb 04 00:29:28 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	163175	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	693491	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	329687	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	641047	20.00	ng	0.00
75) Chrysene-d12	13.84	240	468600	20.00	ng	0.00
86) Perylene-d12	15.21	264	351735	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1131195	107.98	ng	0.01
7) Phenol-d6	6.34	99	1534997	118.19	ng	0.00
23) Nitrobenzene-d5	7.26	82	985557	80.06	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	441999	128.53	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1684198	86.55	ng	0.00
78) Terphenyl-d14	12.80	244	1733274	83.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	151102	32.93	ng	# 78
3) Pyridine	2.91	79	465707	38.95	ng	# 72
4) n-Nitrosodimethylamine	2.86	42	238713	38.60	ng	83
6) Aniline	6.35	93	373489	23.50	ng	# 49
8) 2-Chlorophenol	6.48	128	490726	41.38	ng	97
9) Benzaldehyde	6.22	77	165495	21.58	ng	91
10) Phenol	6.36	94	517679	35.58	ng	89
11) bis(2-Chloroethyl)ether	6.43	93	424660	37.43	ng	84
12) 1,3-Dichlorobenzene	6.62	146	483921	38.63	ng	# 94
13) 1,4-Dichlorobenzene	6.70	146	498282	39.78	ng	95
14) 1,2-Dichlorobenzene	6.85	146	428542	36.74	ng	95
15) Benzyl Alcohol	6.84	79	374197	41.73	ng	89
16) 2,2'-oxybis(1-Chloropropan	6.98	45	696260	36.48	ng	88
17) 2-Methylphenol	6.97	107	405450	43.23	ng	95
18) Hexachloroethane	7.20	117	183962	38.14	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	331157	40.68	ng	# 77
20) 3+4-Methylphenols	7.12	107	484417	41.62	ng	# 74
22) Acetophenone	7.10	105	665540	36.41	ng	99
24) Nitrobenzene	7.28	77	456801	34.65	ng	96
25) Isophorone	7.52	82	910262	38.03	ng	97
26) 2-Nitrophenol	7.60	139	265249	40.80	ng	# 89
27) 2,4-Dimethylphenol	7.64	122	436191	38.57	ng	96
28) bis(2-Chloroethoxy)methane	7.73	93	544043	38.31	ng	99
29) 2,4-Dichlorophenol	7.85	162	389159	40.22	ng	92
30) 1,2,4-Trichlorobenzene	7.92	180	393073	35.97	ng	97
31) Naphthalene	8.00	128	1286543	36.98	ng	99
32) Benzoic acid	7.79	122	281753	38.95	ng	97
33) 4-Chloroaniline	8.05	127	160203	11.14	ng	95
34) Hexachlorobutadiene	8.12	225	238826	37.90	ng	98
35) Caprolactam	8.43	113	75592	25.35	ng	# 46
36) 4-Chloro-3-methylphenol	8.56	107	470719	42.64	ng	100
37) 2-Methylnaphthalene	8.69	142	943314	43.33	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	354868	33.89	ng	99
40) Hexachlorocyclopentadiene	8.84	237	361510	78.72	ng	97

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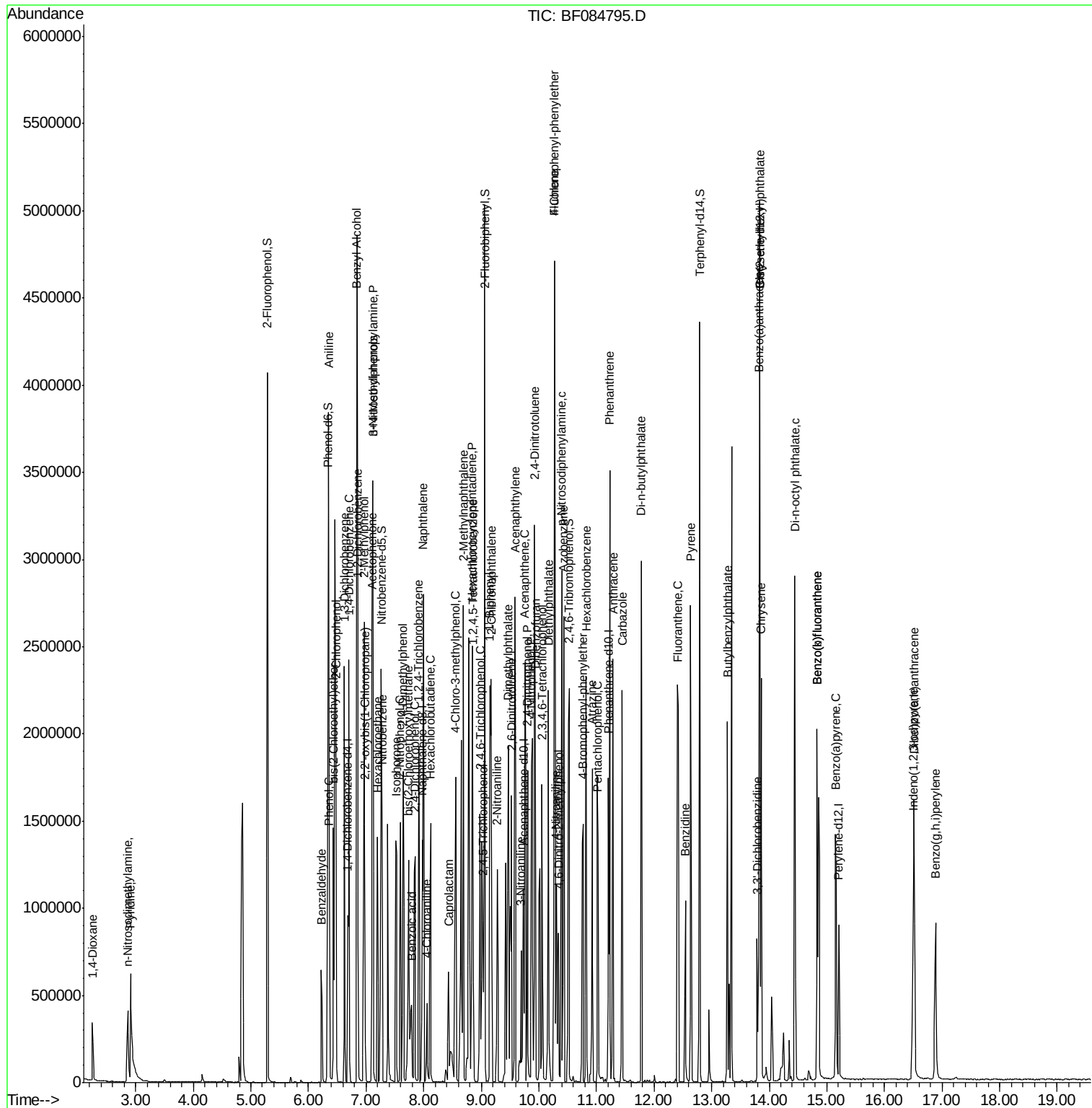
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	273748	40.58	ng	94
43) 2,4,5-Trichlorophenol	9.02	196	274773	40.09	ng	94
45) 1,1'-Biphenyl	9.15	154	1047807	35.58	ng	97
46) 2-Chloronaphthalene	9.17	162	772920	35.64	ng	96
47) 2-Nitroaniline	9.28	65	250913	36.54	ng	99
48) Acenaphthylene	9.58	152	1241819	37.74	ng	98
49) Dimethylphthalate	9.47	163	1027351	40.91	ng	# 91
50) 2,6-Dinitrotoluene	9.53	165	239781	43.71	ng	# 85
51) Acenaphthene	9.76	154	782749	36.56	ng	99
52) 3-Nitroaniline	9.69	138	107882	17.50	ng	100
53) 2,4-Dinitrophenol	9.80	184	205590	81.12	ng	# 85
54) Dibenzofuran	9.94	168	1163183	44.45	ng	99
55) 4-Nitrophenol	9.87	139	309627	68.35	ng	# 74
56) 2,4-Dinitrotoluene	9.93	165	262392	37.50	ng	# 79
57) Fluorene	10.27	166	845706	38.70	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	228466	43.79	ng	90
59) Diethylphthalate	10.17	149	1015004	41.40	ng	97
60) 4-Chlorophenyl-phenylether	10.27	204	393054	42.39	ng	95
61) 4-Nitroaniline	10.30	138	206210	34.33	ng	94
62) Azobenzene	10.43	77	1053159	44.67	ng	92
64) 4,6-Dinitro-2-methylphenol	10.34	198	175256	44.30	ng	82
65) n-Nitrosodiphenylamine	10.40	169	839678	41.25	ng	99
66) 4-Bromophenyl-phenylether	10.76	248	285938	40.38	ng	99
67) Hexachlorobenzene	10.82	284	288915	37.45	ng	# 89
68) Atrazine	10.92	200	252457	39.27	ng	98
69) Pentachlorophenol	11.02	266	286242	78.95	ng	99
70) Phenanthrene	11.23	178	1260048	35.44	ng	97
71) Anthracene	11.29	178	1416536	39.54	ng	99
72) Carbazole	11.45	167	1302221	41.68	ng	98
73) Di-n-butylphthalate	11.78	149	1402637	35.27	ng	# 96
74) Fluoranthene	12.42	202	1432326	39.80	ng	93
76) Benzidine	12.55	184	468864	28.50	ng	97
77) Pyrene	12.64	202	1357151	37.83	ng	100
79) Butylbenzylphthalate	13.28	149	669168	41.11	ng	# 86
80) Benzo(a)anthracene	13.83	228	1151737	39.60	ng	98
81) 3,3'-Dichlorobenzidine	13.79	252	174344	16.93	ng	# 94
82) Chrysene	13.86	228	1026065	36.38	ng	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	846688	41.80	ng	# 97
84) Di-n-octyl phthalate	14.44	149	1301222	38.94	ng	# 88
85) Indeno(1,2,3-cd)pyrene	16.50	276	854121	38.48	ng	99
87) Benzo(b)fluoranthene	14.83	252	1782157	75.41	ng	# 98
88) Benzo(k)fluoranthene	14.83	252	1783018	91.25	ng	98
89) Benzo(a)pyrene	15.15	252	833796	41.41	ng	# 96
90) Dibenzo(a,h)anthracene	16.51	278	705111	41.60	ng	98
91) Benzo(g,h,i)perylene	16.89	276	728707	42.68	ng	99

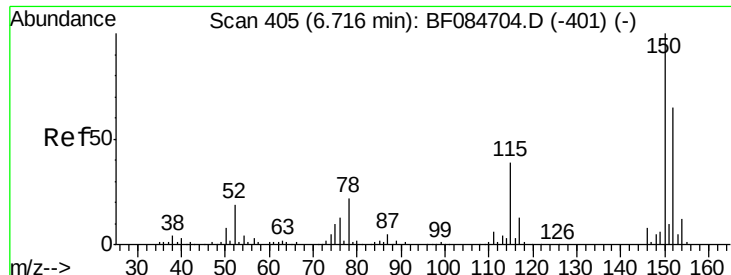
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

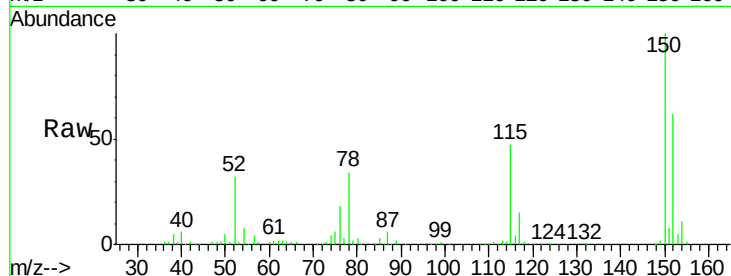
Tgt Ion:152 Resp: 163175

Ion Ratio Lower Upper

152 100

150 160.0 123.0 184.4

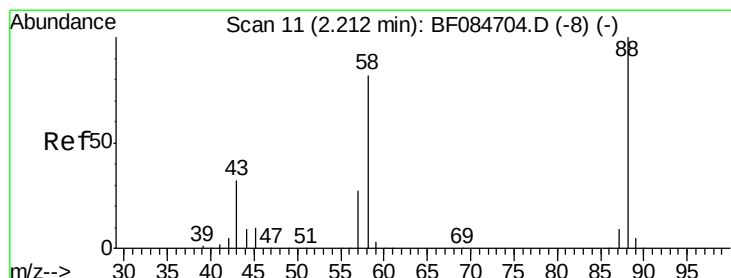
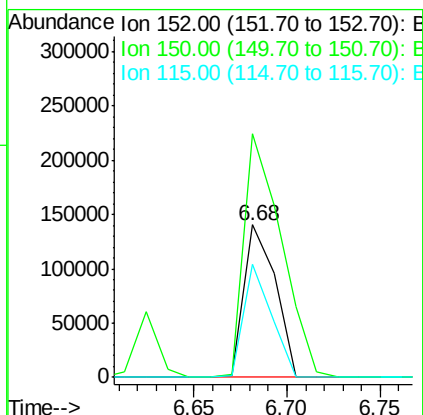
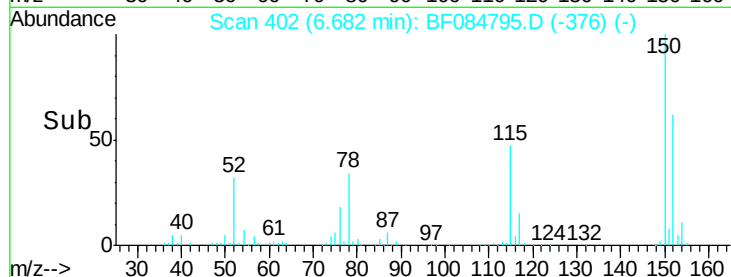
115 74.5 51.4 77.2



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: 32.93 ng

RT: 2.25 min Scan# 14

Delta R.T. 0.07 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

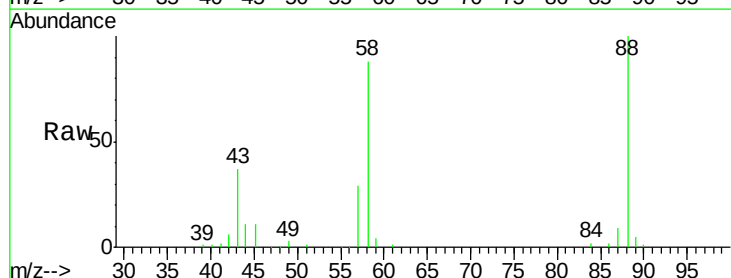
Tgt Ion: 88 Resp: 151102

Ion Ratio Lower Upper

88 100

58 82.6 51.2 76.8#

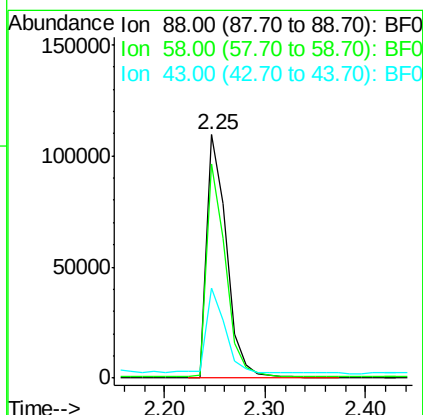
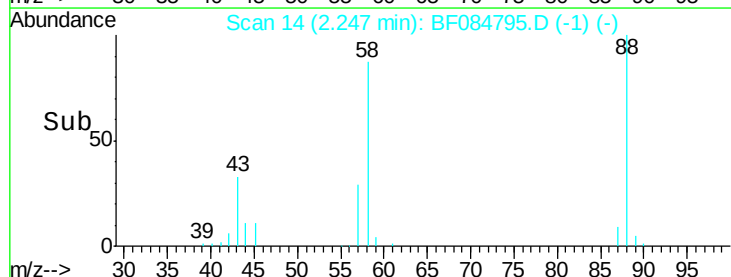
43 32.3 19.5 29.3#

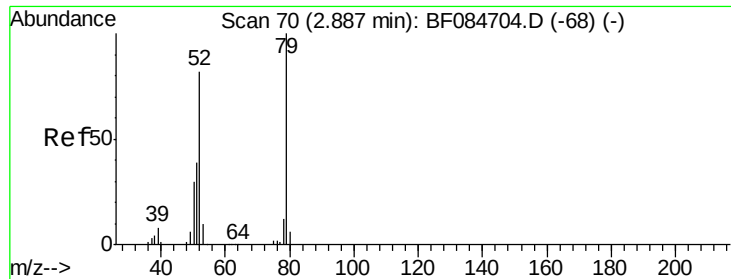


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.95 ng

RT: 2.91 min Scan# 72

Delta R.T. 0.07 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

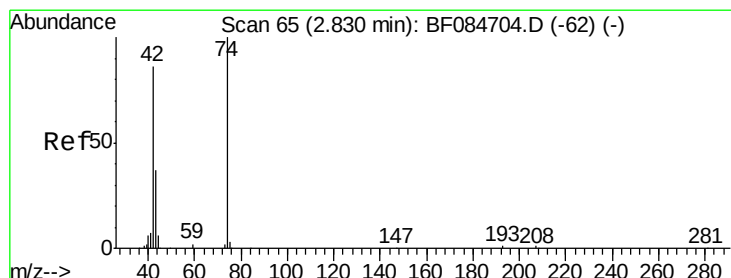
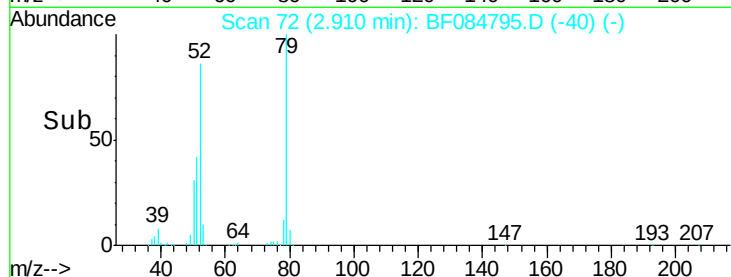
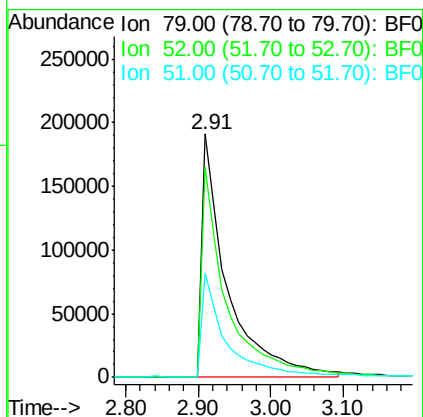
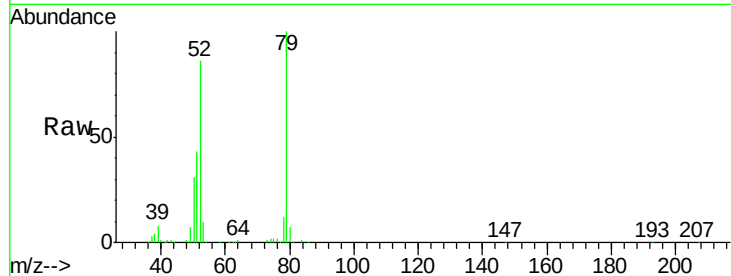
Tgt Ion: 79 Resp: 465707

Ion Ratio Lower Upper

79 100

52 86.2 49.0 73.4#

51 42.6 25.2 37.8#



#4

n-Nitrosodimethylamine

Concen: 38.60 ng

RT: 2.86 min Scan# 68

Delta R.T. 0.07 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

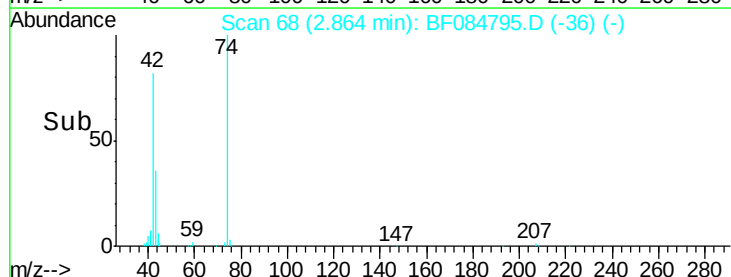
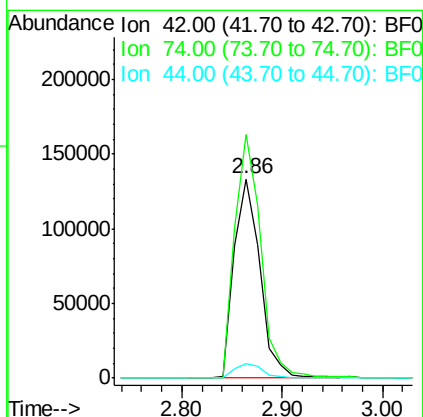
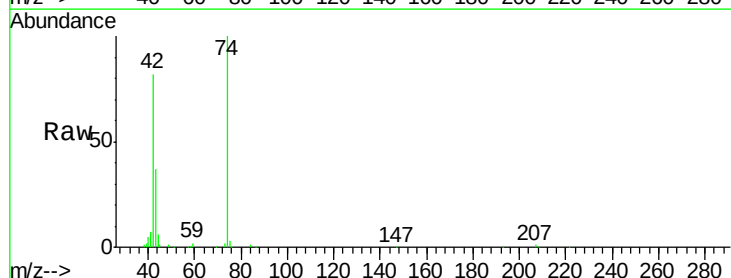
Tgt Ion: 42 Resp: 238713

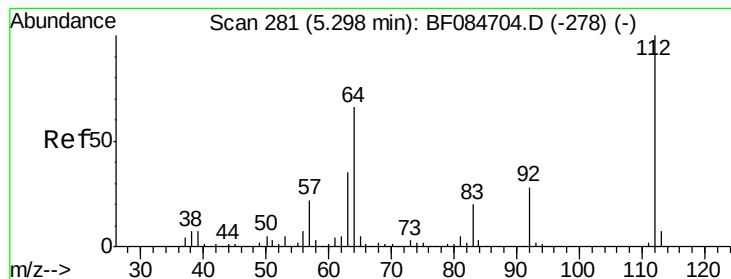
Ion Ratio Lower Upper

42 100

74 122.4 115.7 173.5

44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 107.98 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampled :

PB88152BS

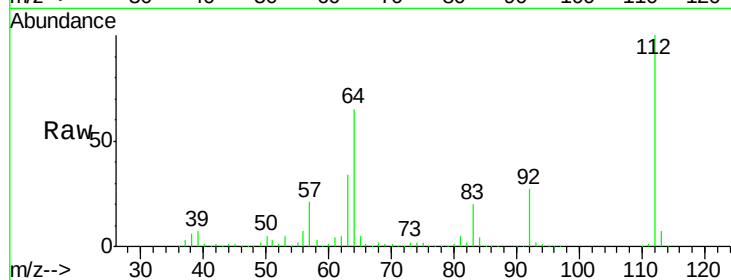
Tgt Ion: 112 Resp: 1131195

Ion Ratio Lower Upper

112 100

64 64.6 36.6 55.0#

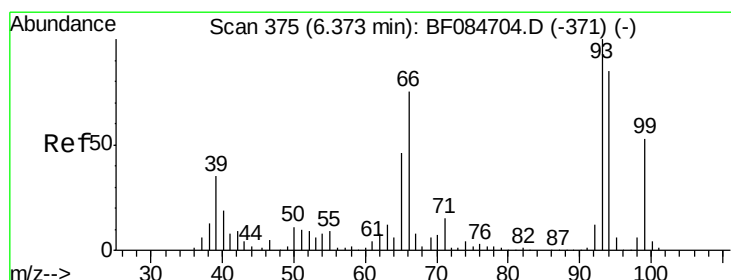
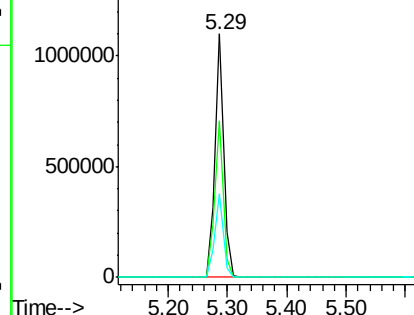
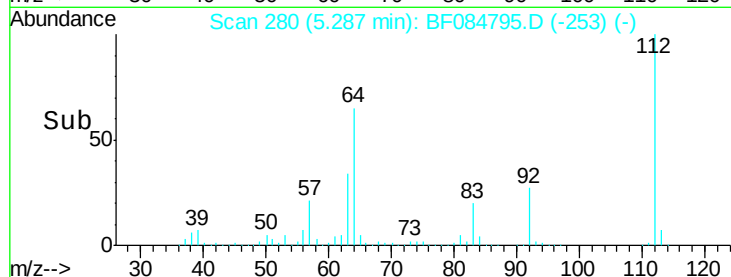
63 34.1 19.4 29.0#



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: 23.50 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

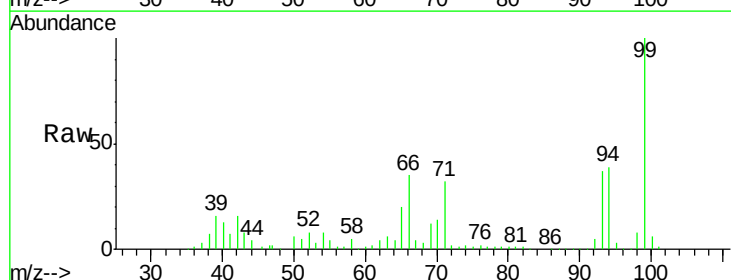
Tgt Ion: 93 Resp: 373489

Ion Ratio Lower Upper

93 100

66 95.3 44.9 67.3#

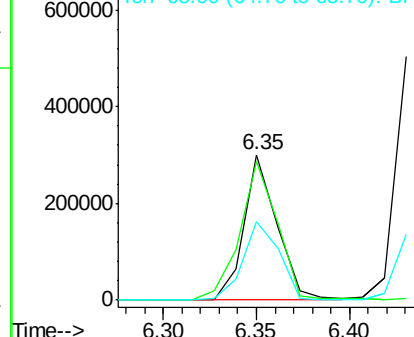
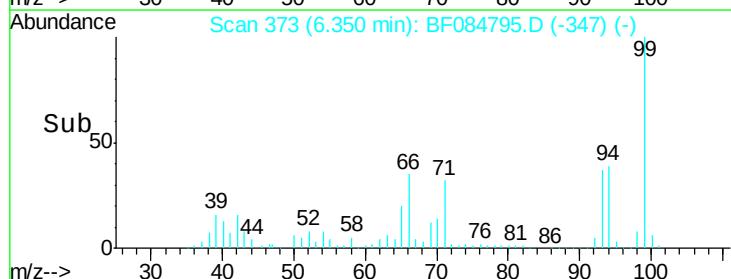
65 54.4 23.7 35.5#

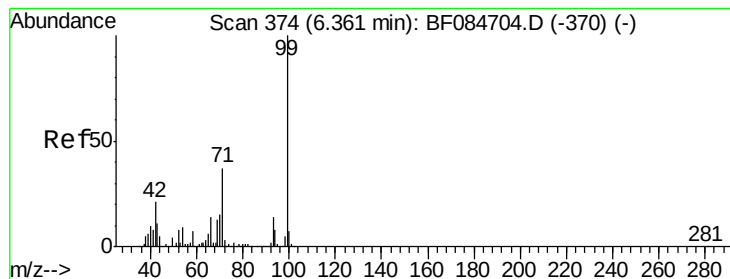


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.19 ng

RT: 6.34 min Scan# 372

Delta R.T. 0.00 min

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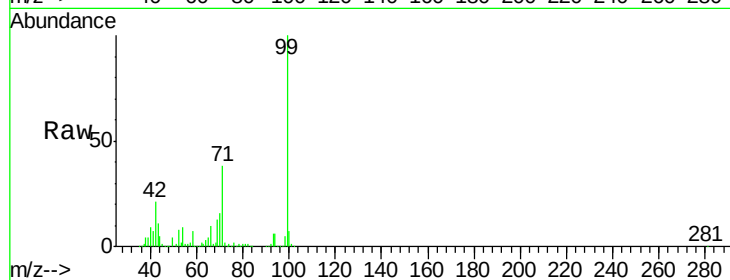
Tgt Ion: 99 Resp: 1534997

Ion Ratio Lower Upper

99 100

42 20.7 12.8 19.2#

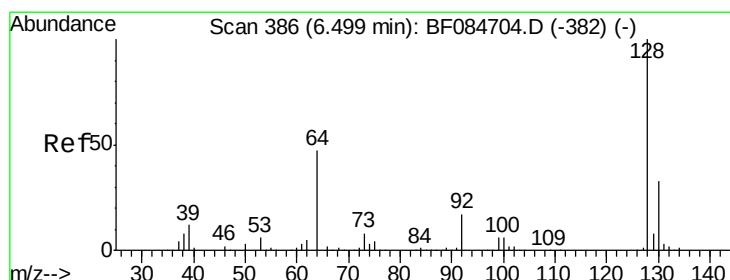
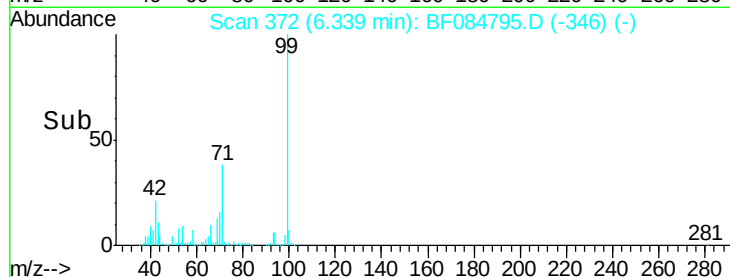
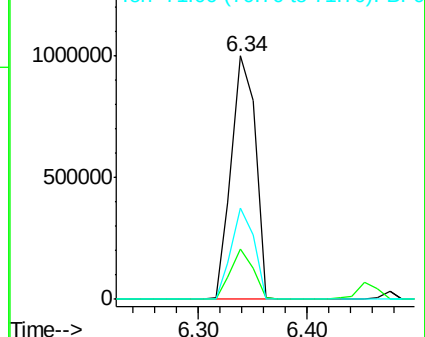
71 37.6 30.9 46.3



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: 41.38 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

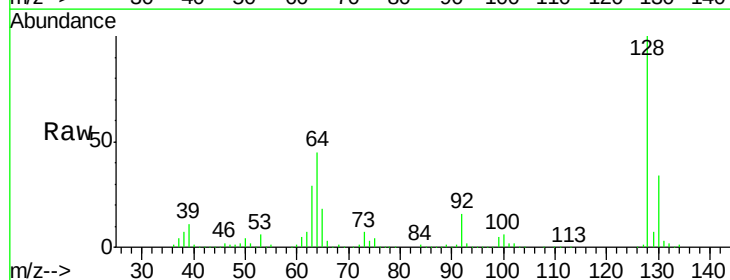
Tgt Ion: 128 Resp: 490726

Ion Ratio Lower Upper

128 100

130 34.0 11.6 51.6

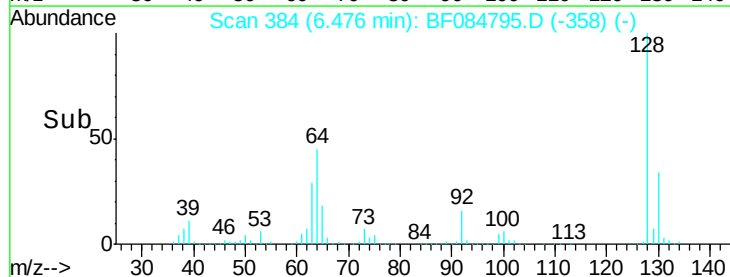
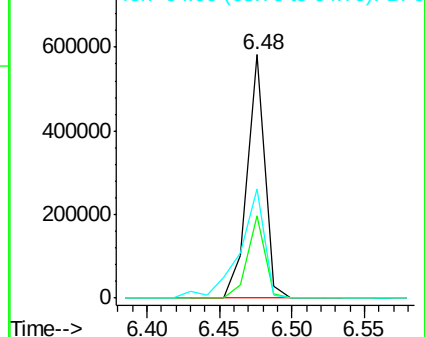
64 45.0 23.8 63.8

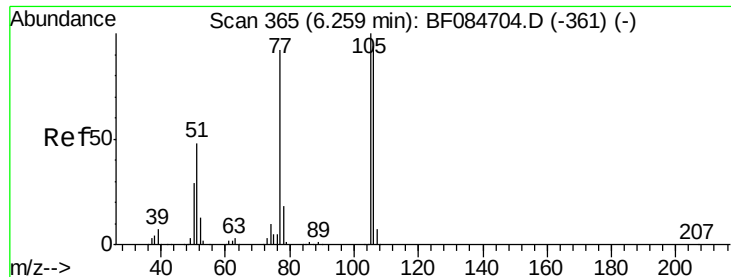


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.58 ng

RT: 6.22 min Scan# 362

Delta R.T. -0.01 min

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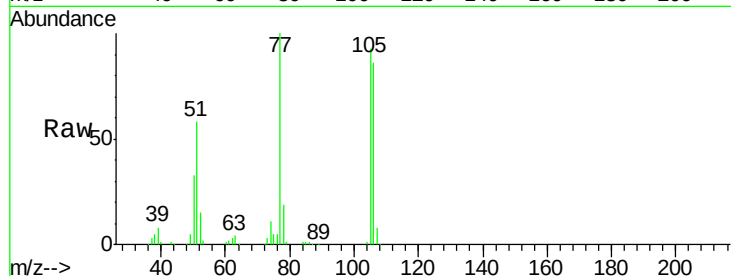
Tgt Ion: 77 Resp: 165495

Ion Ratio Lower Upper

77 100

105 93.3 83.0 123.0

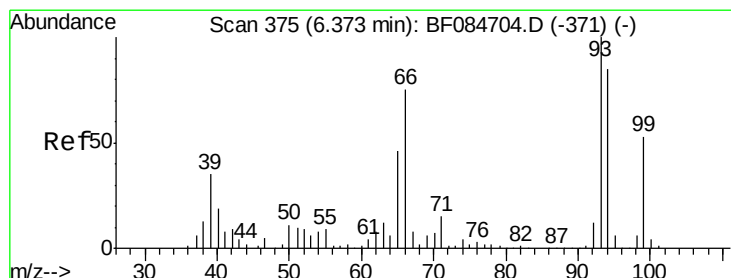
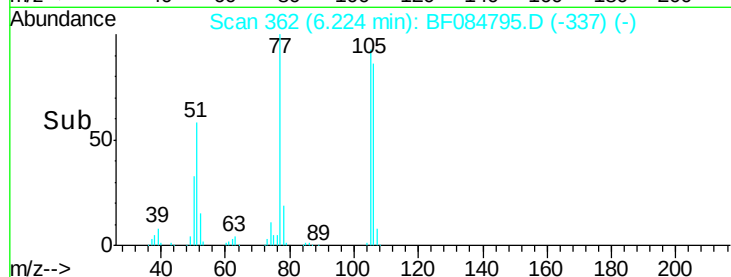
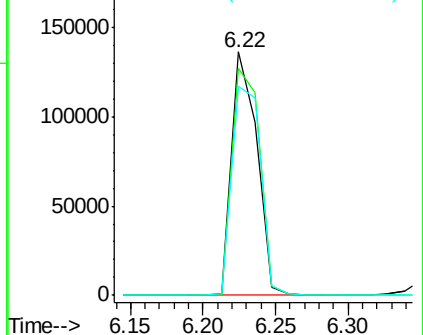
106 86.1 74.6 114.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.58 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

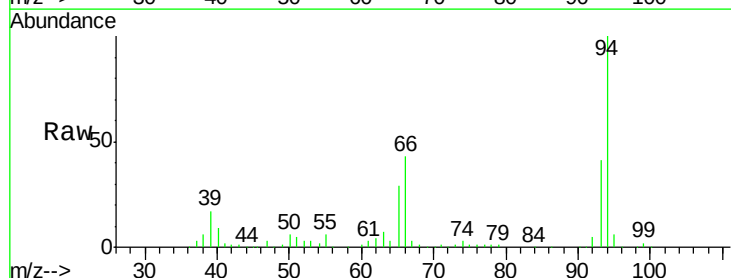
Tgt Ion: 94 Resp: 517679

Ion Ratio Lower Upper

94 100

65 29.1 12.9 52.9

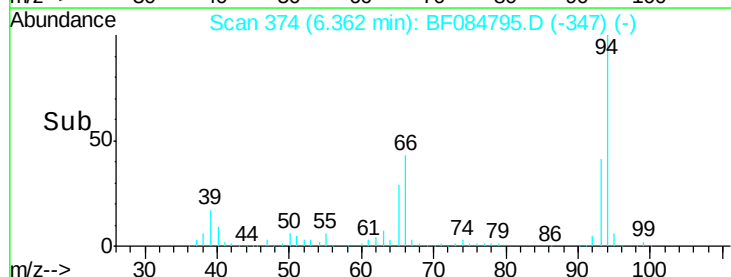
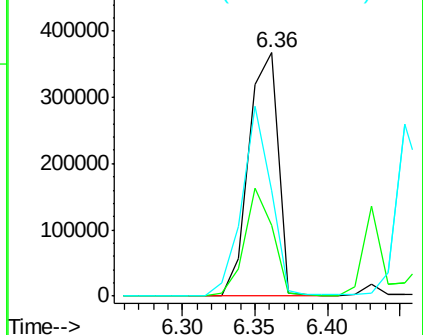
66 43.0 32.7 72.7

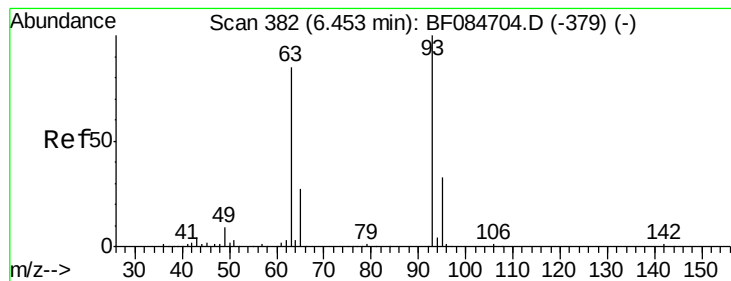


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

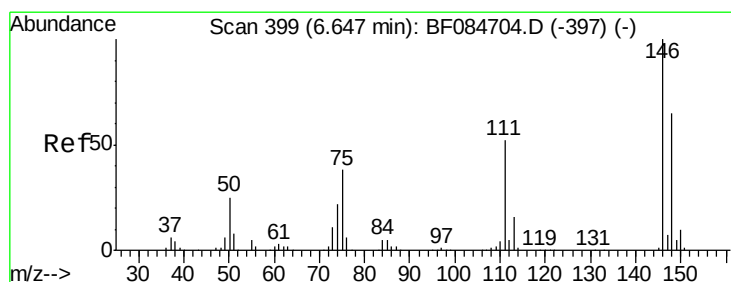
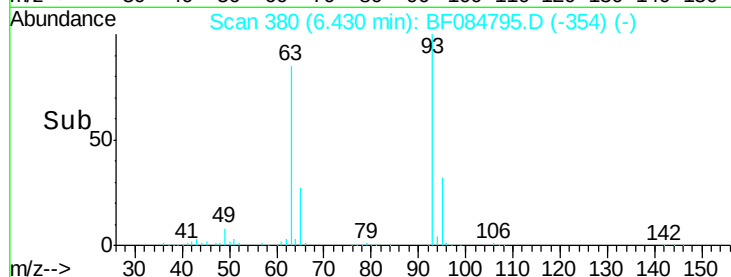
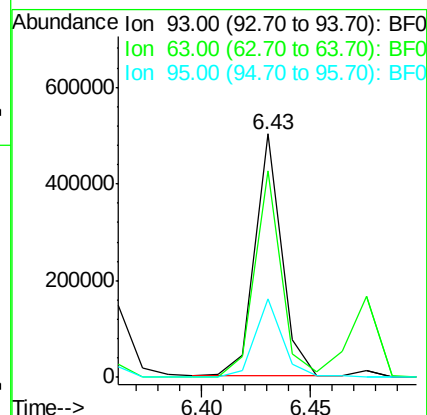
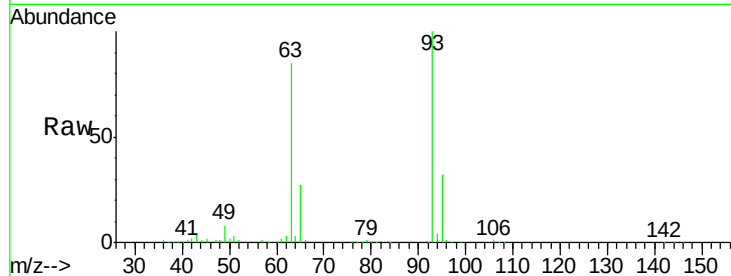




#11
bis(2-Chloroethyl)ether
Concen: 37.43 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

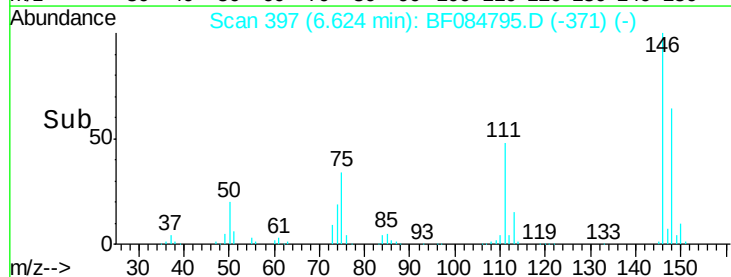
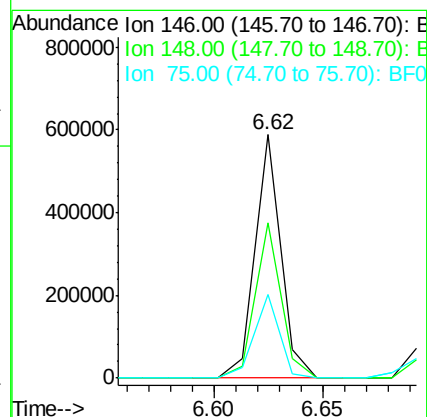
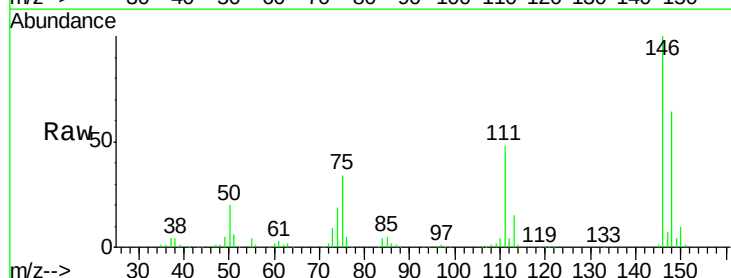
Instrument :
BNA_F
ClientSampleId :
PB88152BS

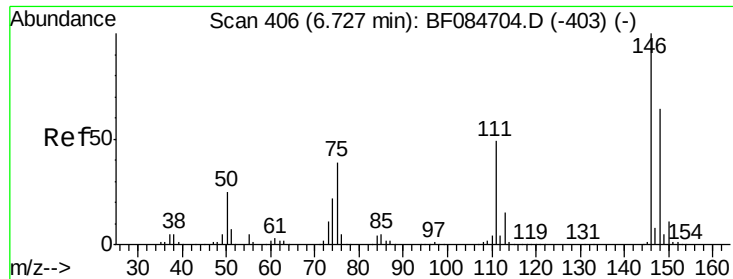
Tgt Ion: 93 Resp: 424660
Ion Ratio Lower Upper
93 100
63 84.6 45.9 85.9
95 32.4 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.63 ng
RT: 6.62 min Scan# 397
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion: 146 Resp: 483921
Ion Ratio Lower Upper
146 100
148 64.0 51.9 77.9
75 34.2 20.5 30.7#

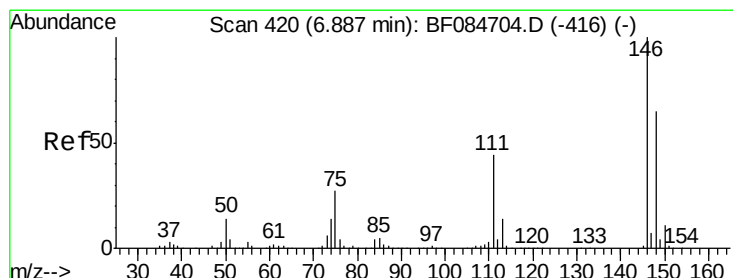
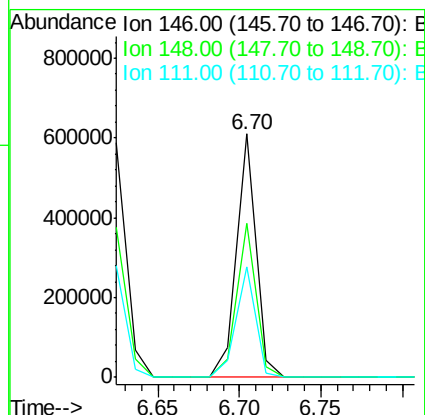
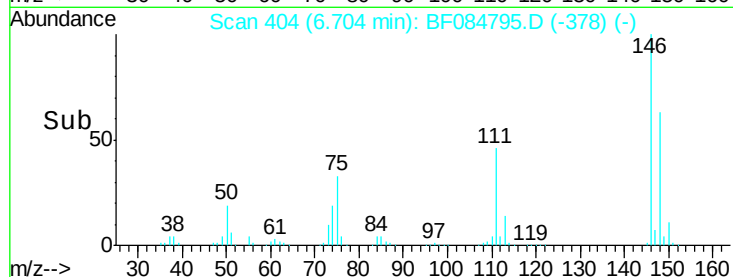
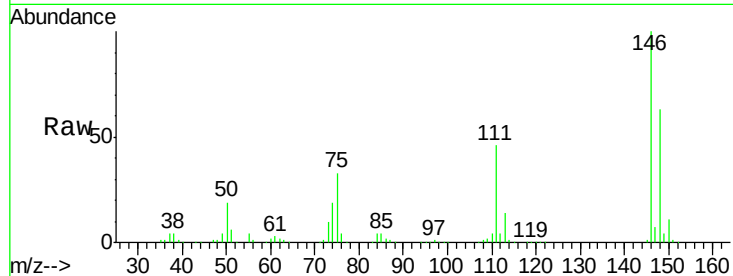




#13
 1,4-Dichlorobenzene
 Concen: 39.78 ng
 RT: 6.70 min Scan# 404
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

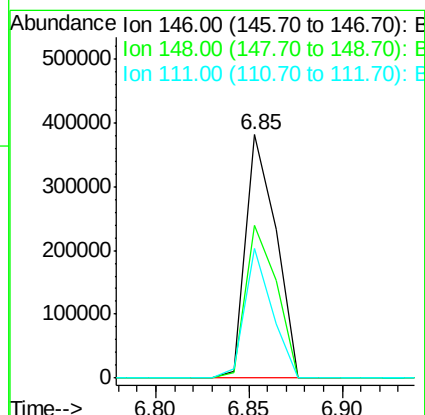
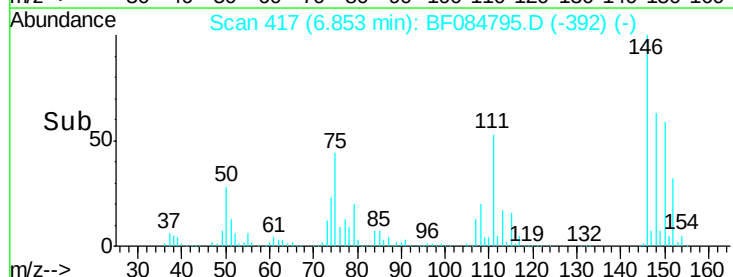
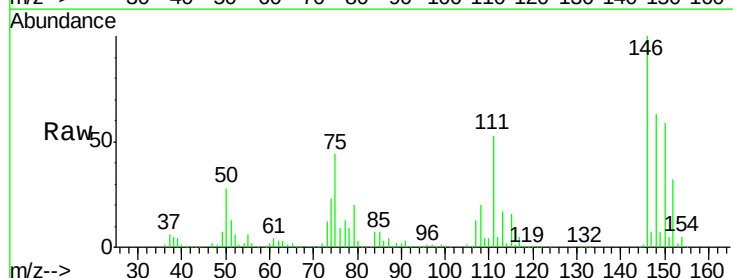
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

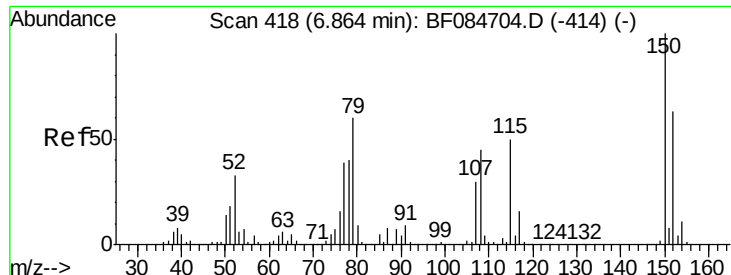
Tgt Ion:146 Resp: 498282
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.9 77.9
 111 45.5 41.6 62.4



#14
 1,2-Dichlorobenzene
 Concen: 36.74 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:146 Resp: 428542
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.6 77.4
 111 53.4 38.0 57.0

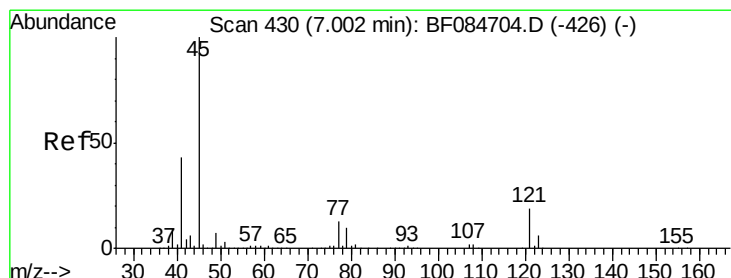
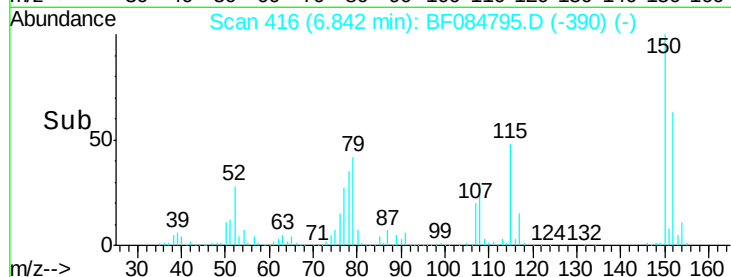
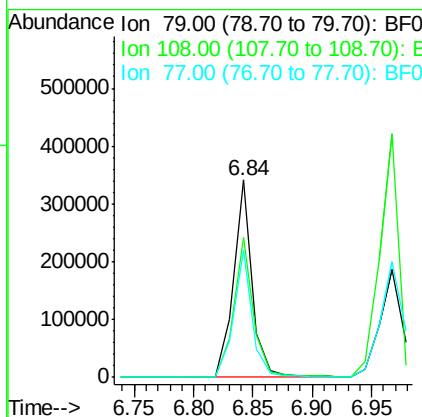
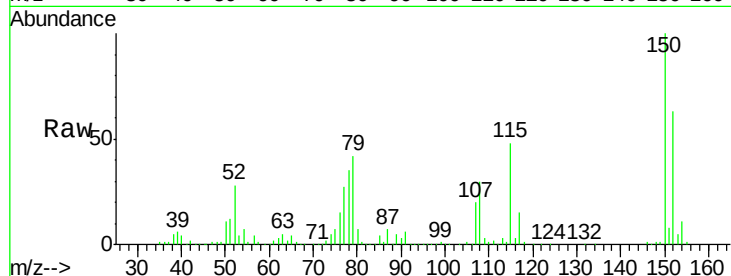




#15
Benzyl Alcohol
Concen: 41.73 ng
RT: 6.84 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

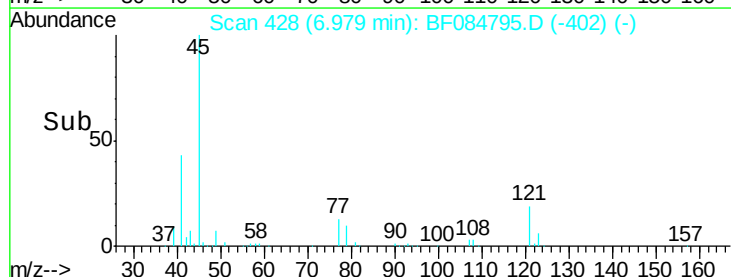
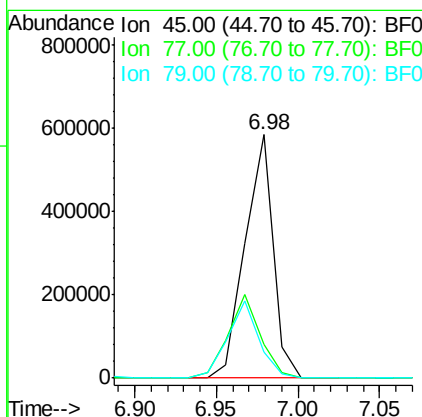
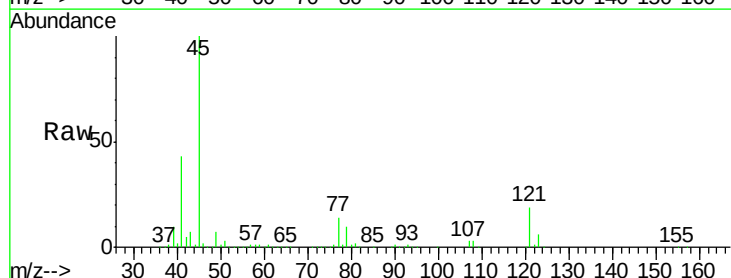
Instrument :
BNA_F
ClientSampled :
PB88152BS

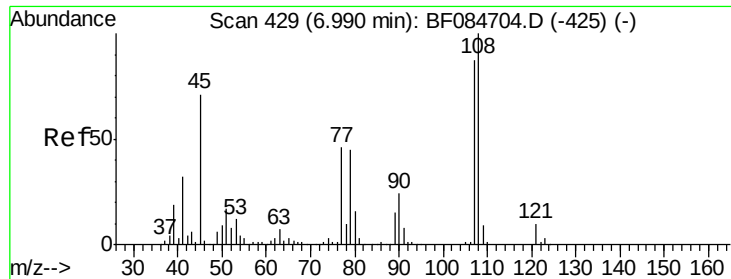
Tgt Ion: 79 Resp: 374197
Ion Ratio Lower Upper
79 100
108 70.7 69.0 103.4
77 64.7 50.0 75.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.48 ng
RT: 6.98 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion: 45 Resp: 696260
Ion Ratio Lower Upper
45 100
77 13.9 0.0 39.6
79 10.5 0.0 35.0

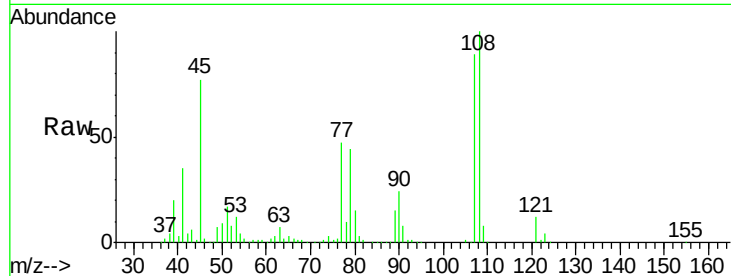




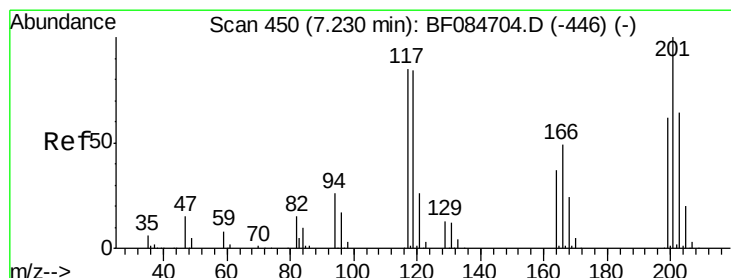
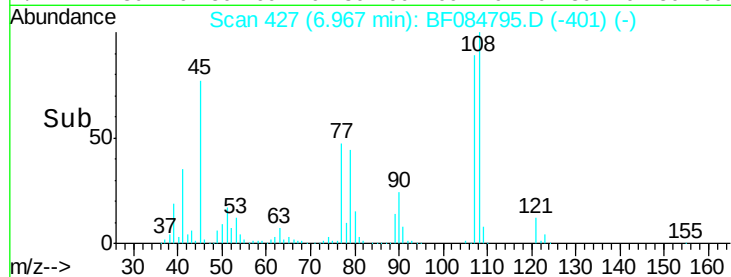
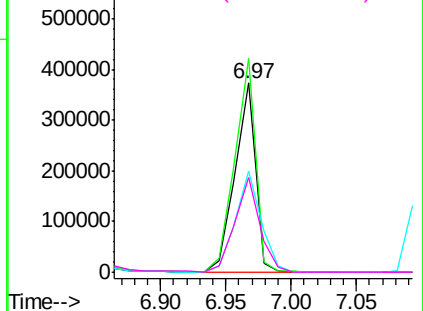
#17
2-Methylphenol
Concen: 43.23 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tgt Ion:107 Resp: 405450
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.6
77 53.4 35.7 53.5
79 49.9 35.7 53.5

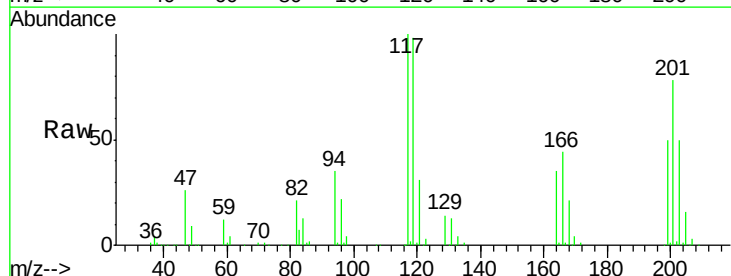


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

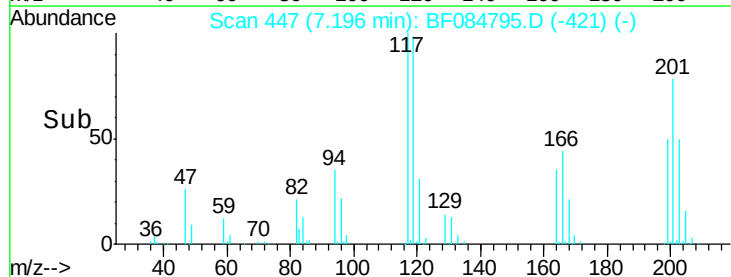
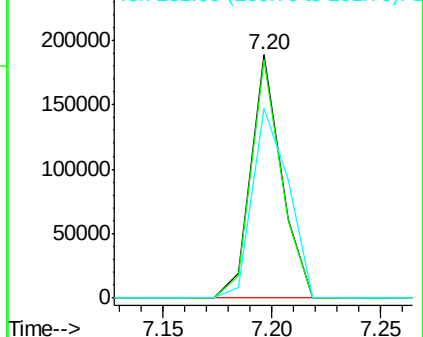


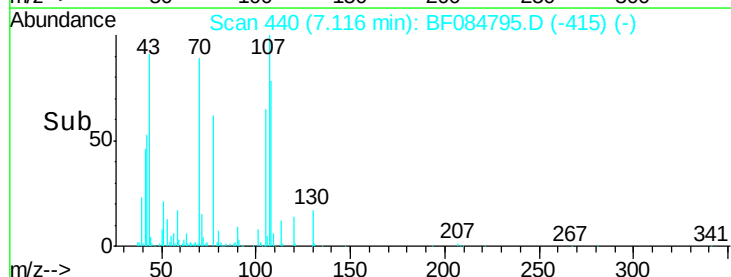
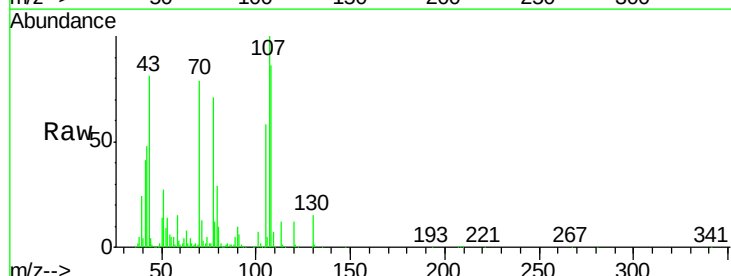
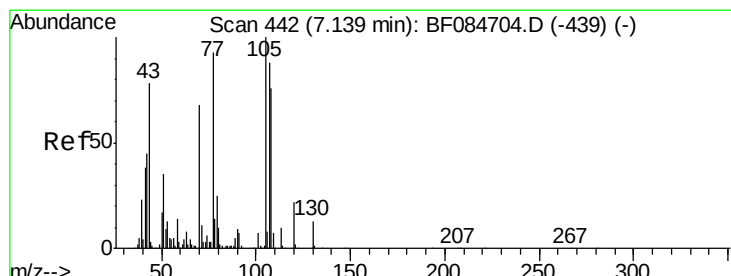
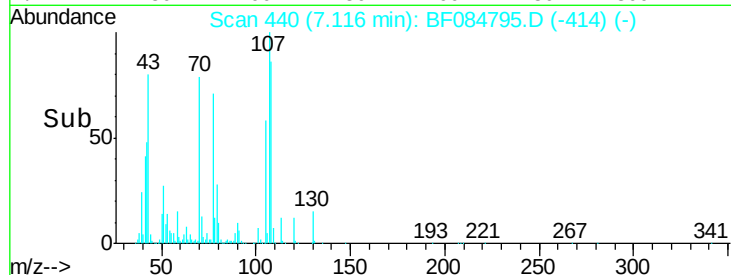
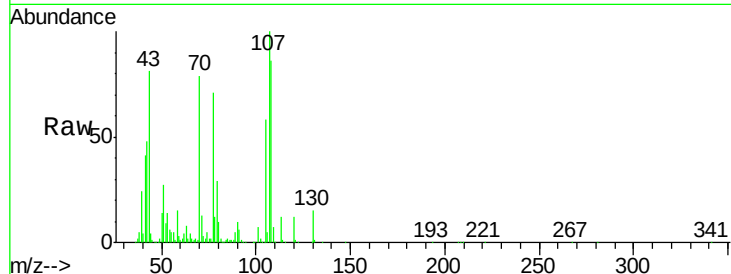
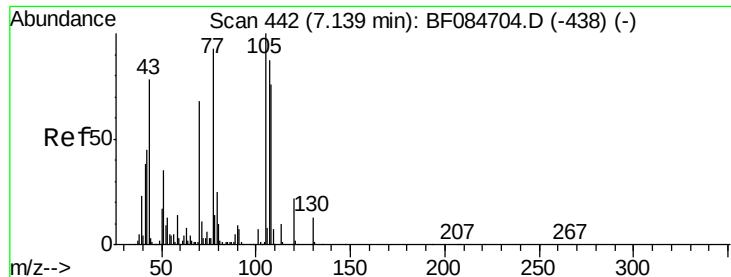
#18
Hexachloroethane
Concen: 38.14 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:117 Resp: 183962
Ion Ratio Lower Upper
117 100
119 97.9 77.4 116.0
201 78.0 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

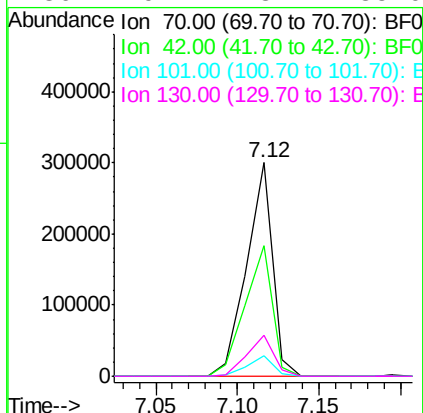




#19
n-Nitroso-di-n-propylamine
Concen: 40.68 ng
RT: 7.12 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

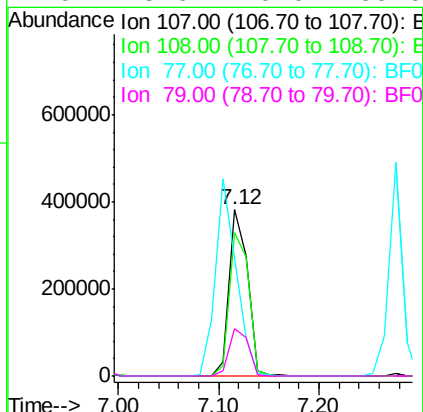
Instrument :
BNA_F
ClientSampleId :
PB88152BS

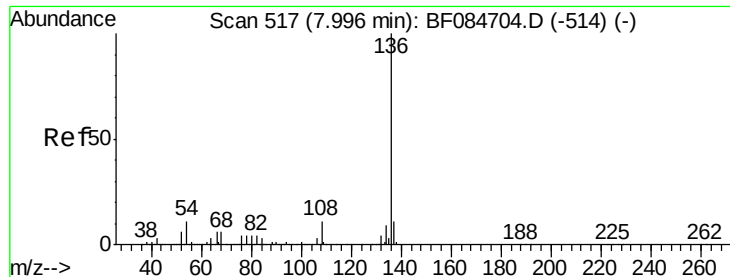
Tgt Ion: 70 Resp: 331157
Ion Ratio Lower Upper
70 100
42 60.9 33.3 49.9#
101 9.4 9.3 13.9
130 19.2 23.4 35.0#



#20
3+4-Methylphenols
Concen: 41.62 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.01 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion: 107 Resp: 484417
Ion Ratio Lower Upper
107 100
108 86.3 74.6 114.6
77 70.9 0.7 40.7#
79 28.6 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: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tgt Ion:136 Resp: 693491

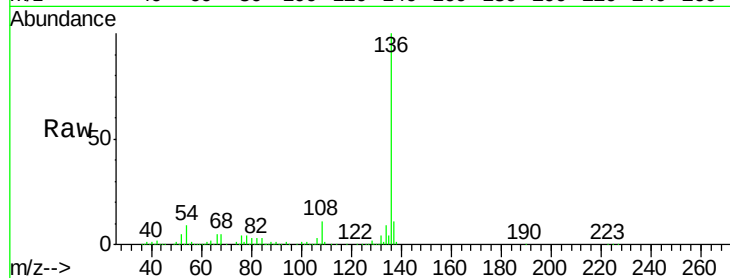
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 9.5 5.8 8.8#

68 5.2 4.2 6.2

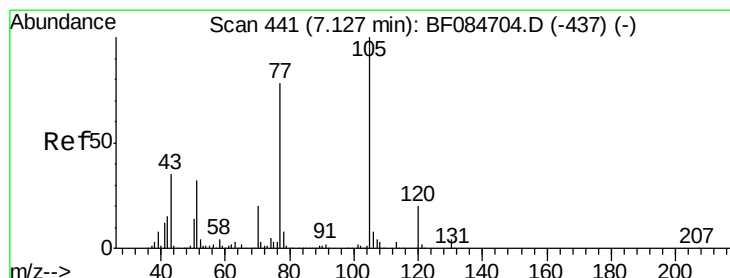
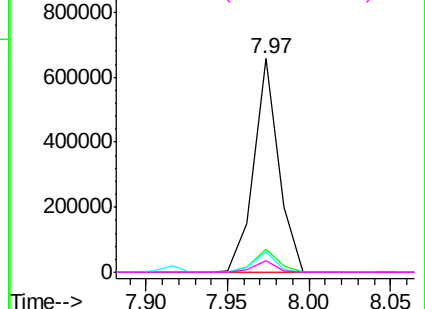
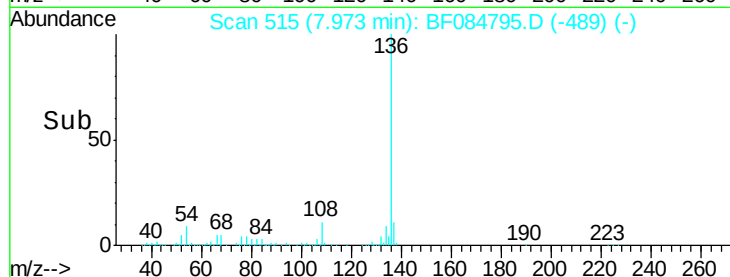


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.41 ng

RT: 7.10 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:105 Resp: 665540

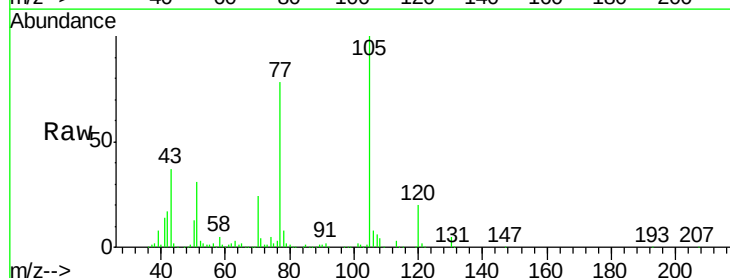
Ion Ratio Lower Upper

105 100

71 4.0 3.7 5.5

51 30.9 25.1 37.7

120 20.2 16.6 25.0

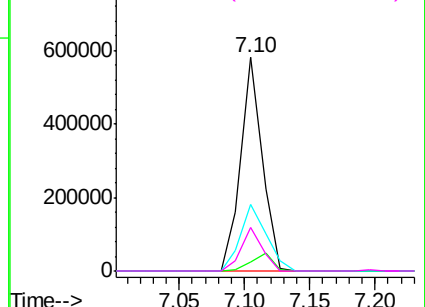
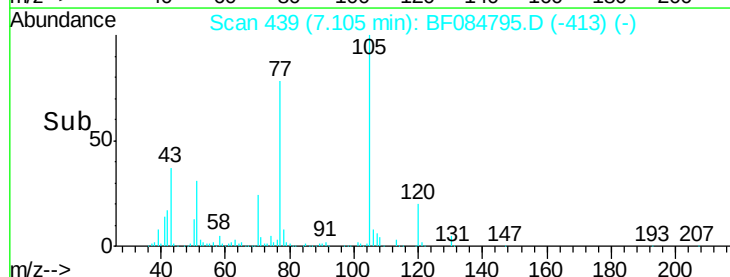


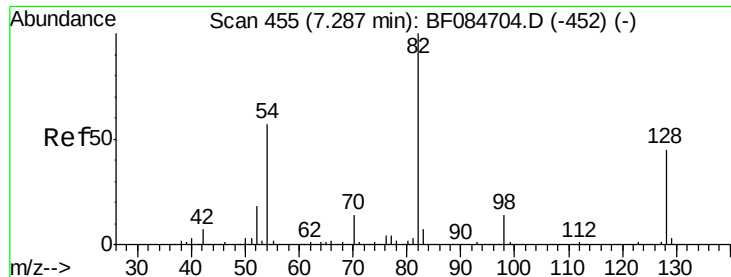
Abundance Ion 105.00 (104.70 to 105.70): E

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

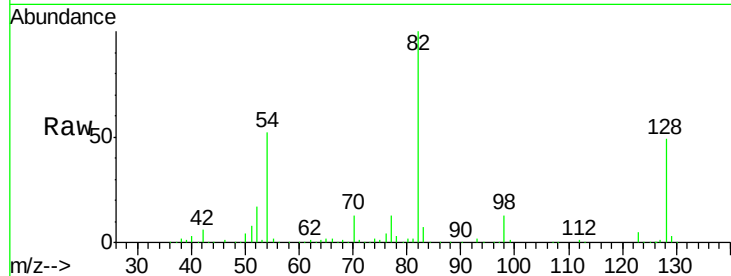




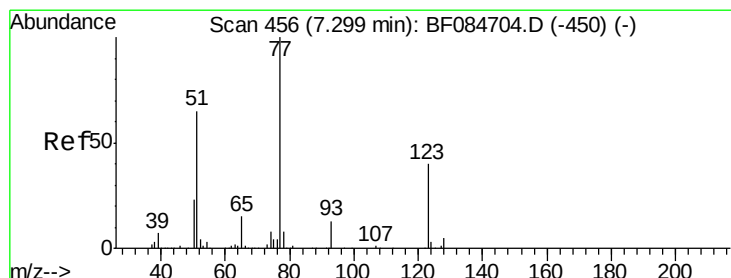
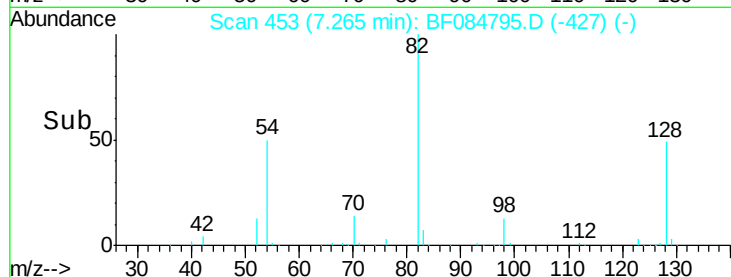
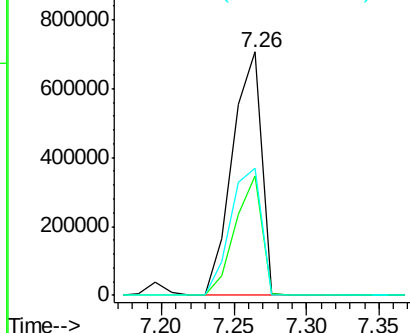
#23
 Nitrobenzene-d5
 Concen: 80.06 ng
 RT: 7.26 min Scan# 453
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tgt Ion: 82 Resp: 985557
 Ion Ratio Lower Upper
 82 100
 128 48.9 34.6 51.8
 54 52.2 38.4 57.6

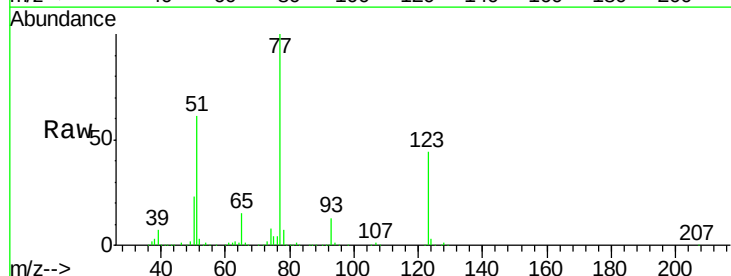


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

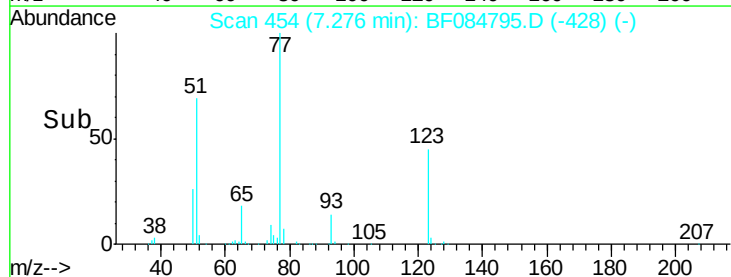
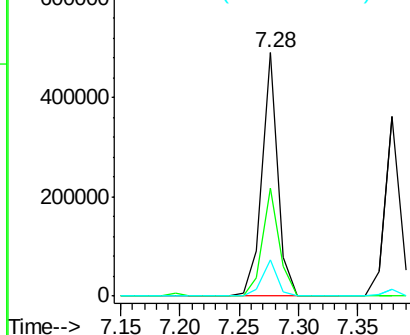


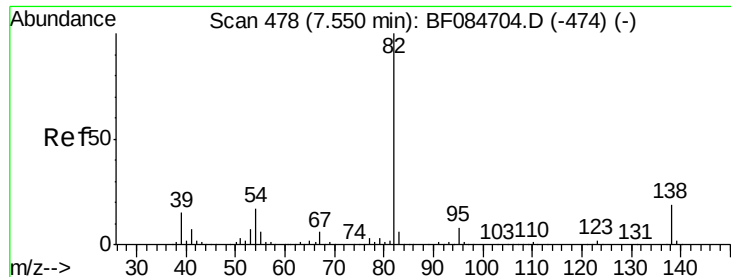
#24
 Nitrobenzene
 Concen: 34.65 ng
 RT: 7.28 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion: 77 Resp: 456801
 Ion Ratio Lower Upper
 77 100
 123 44.2 37.4 56.2
 65 14.8 10.9 16.3



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





#25

Isophorone

Concen: 38.03 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

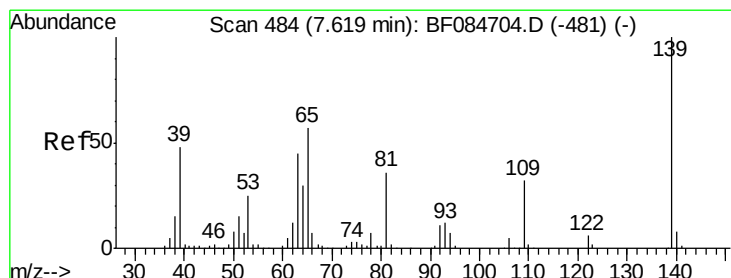
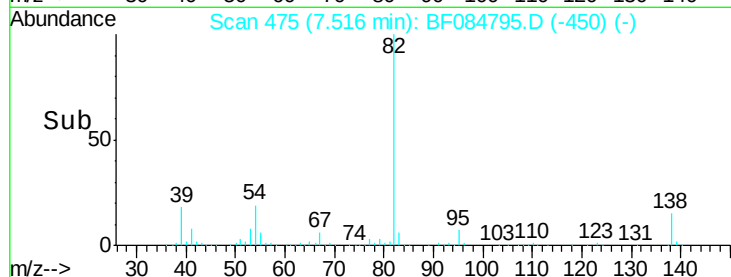
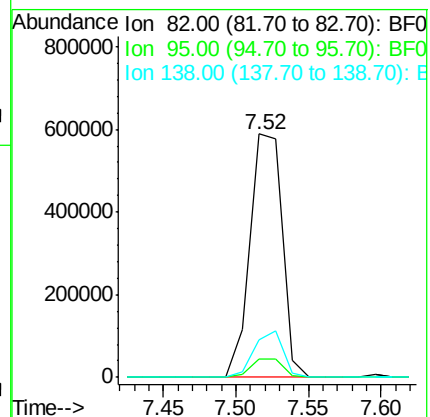
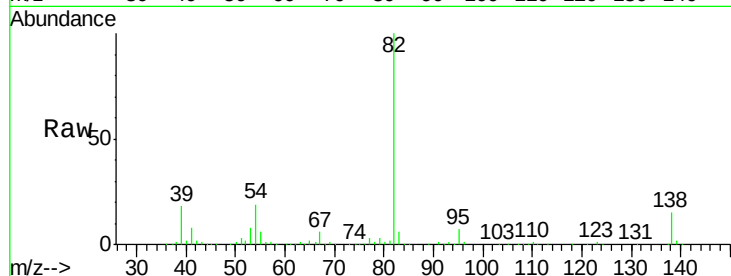
Tgt Ion: 82 Resp: 910262

Ion Ratio Lower Upper

82 100

95 7.3 6.6 10.0

138 15.5 13.6 20.4



#26

2-Nitrophenol

Concen: 40.80 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

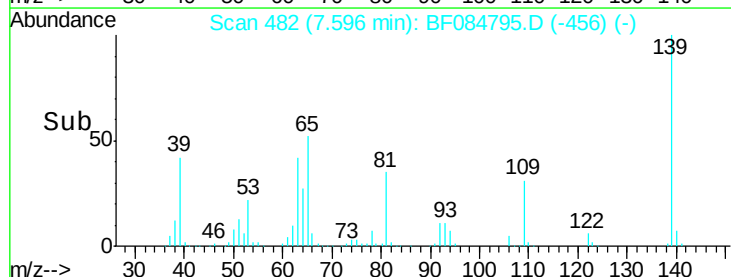
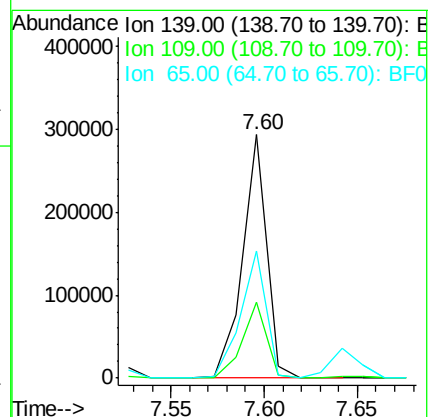
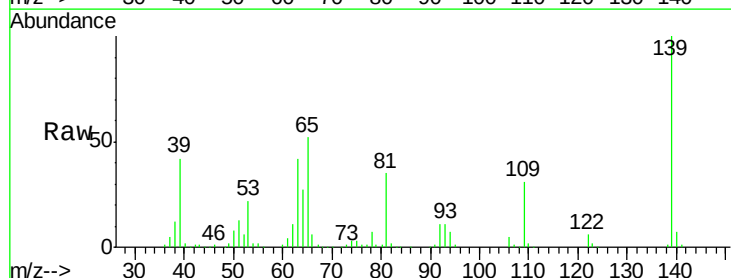
Tgt Ion: 139 Resp: 265249

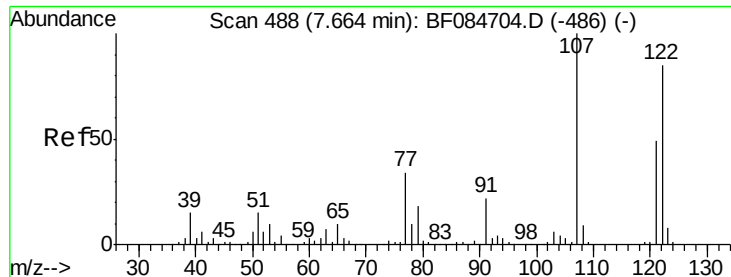
Ion Ratio Lower Upper

139 100

109 31.1 25.4 38.2

65 52.2 32.3 48.5#

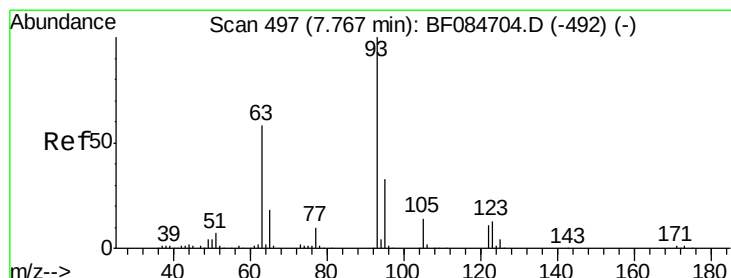
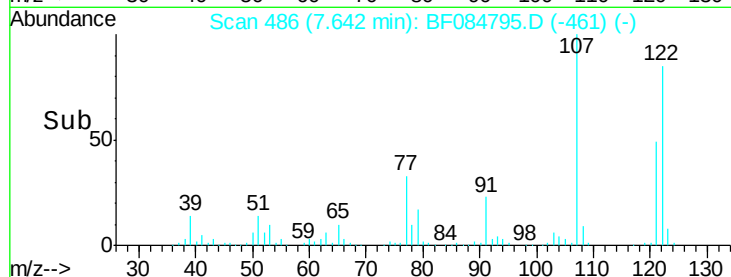
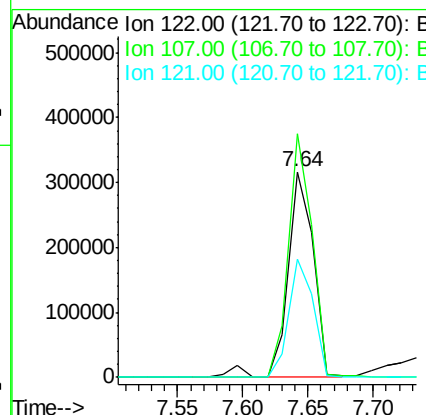
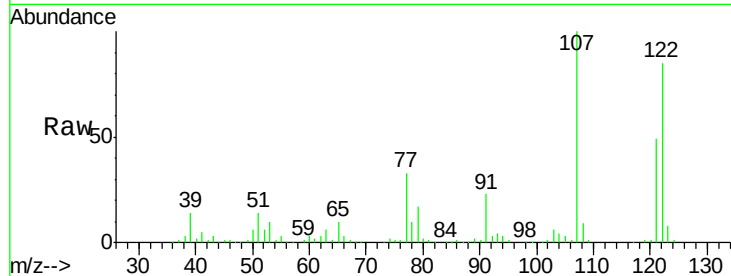




#27
 2,4-Dimethylphenol
 Concen: 38.57 ng
 RT: 7.64 min Scan# 486
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

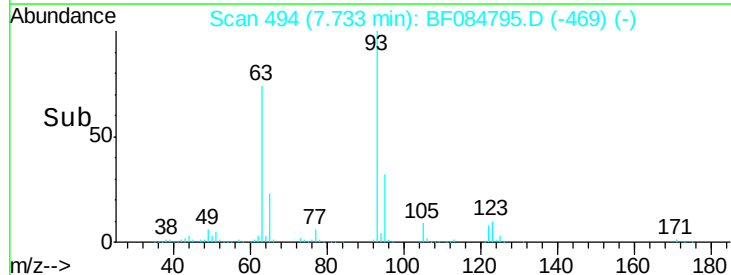
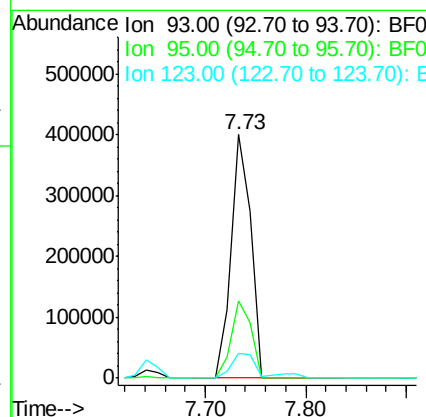
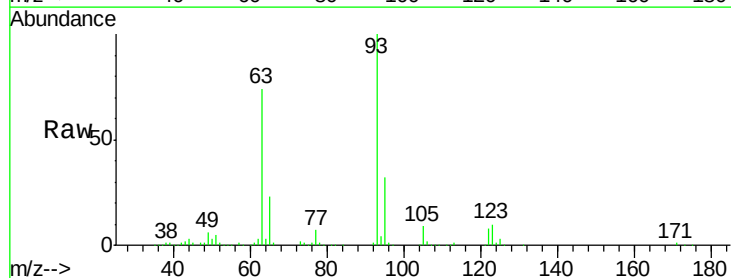
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

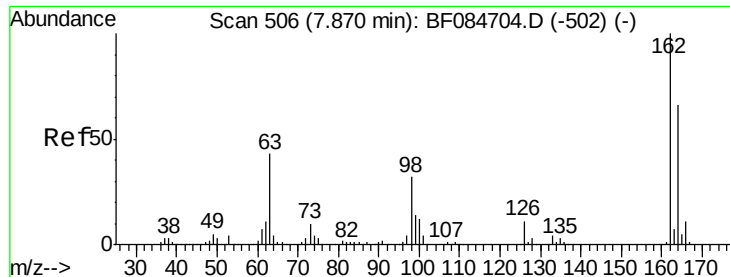
Tgt Ion: 122 Resp: 436191
 Ion Ratio Lower Upper
 122 100
 107 118.3 99.1 148.7
 121 57.6 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.31 ng
 RT: 7.73 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion: 93 Resp: 544043
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.8 38.6
 123 10.3 8.6 12.8

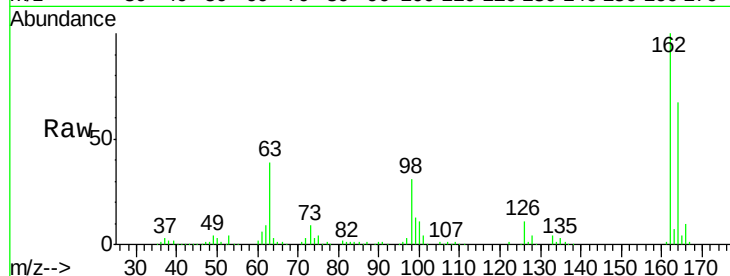




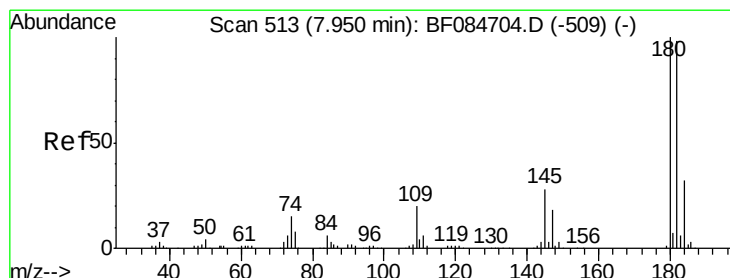
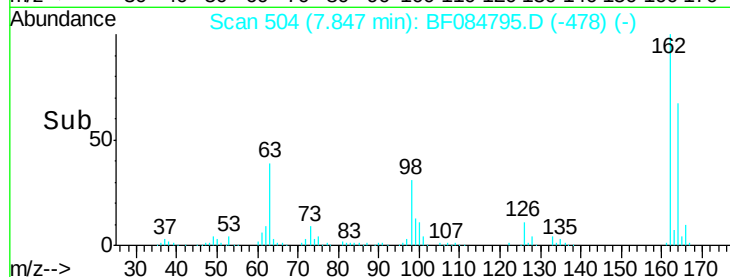
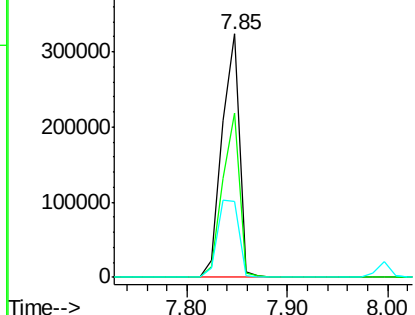
#29
 2,4-Dichlorophenol
 Concen: 40.22 ng
 RT: 7.85 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.4	44.1	84.1
98	31.0	20.2	60.2

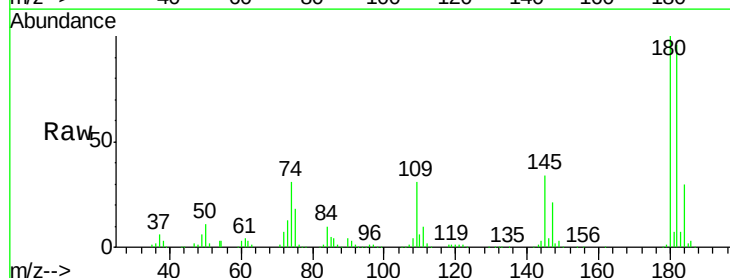


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

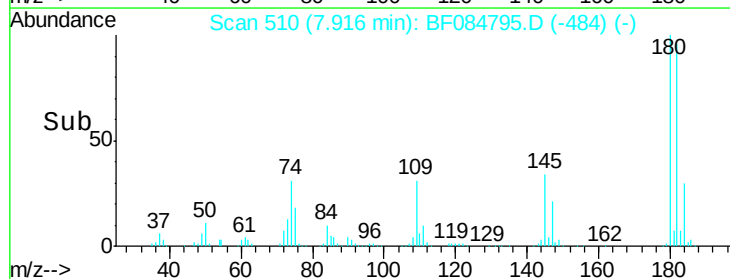
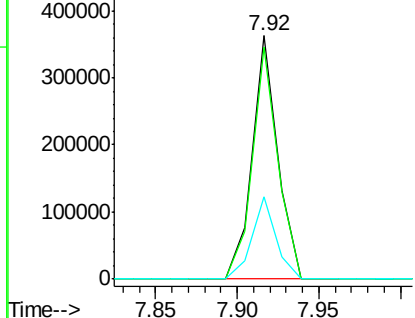


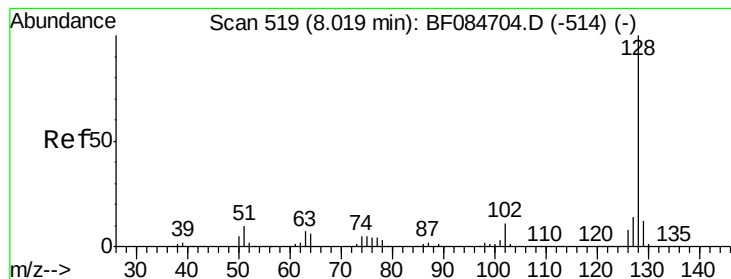
#30
 1,2,4-Trichlorobenzene
 Concen: 35.97 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	34.0	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: 36.98 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

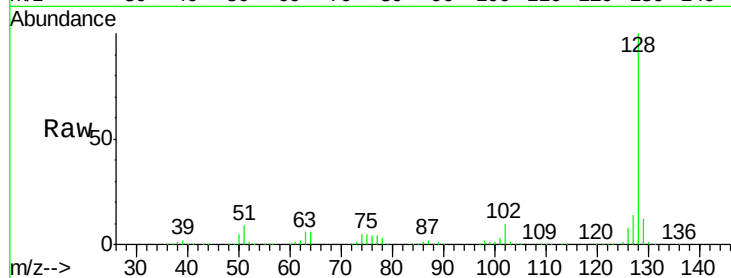
Tgt Ion:128 Resp: 1286543

Ion Ratio Lower Upper

128 100

129 11.6 9.1 13.7

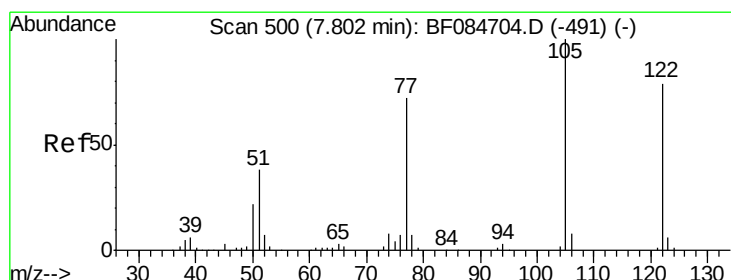
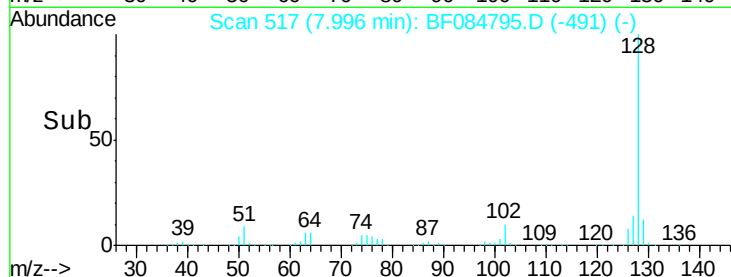
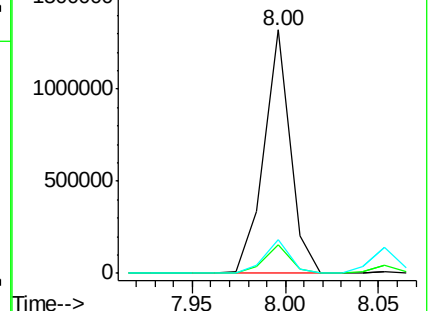
127 13.6 11.1 16.7



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: 38.95 ng

RT: 7.79 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

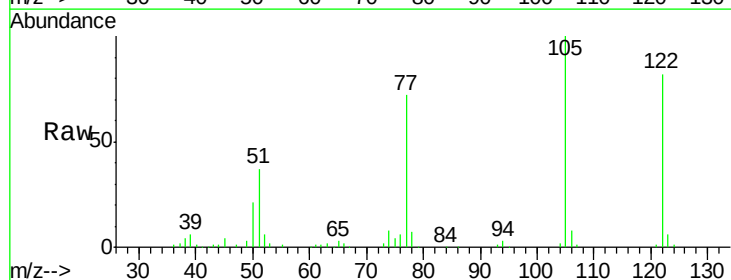
Tgt Ion:122 Resp: 281753

Ion Ratio Lower Upper

122 100

105 121.7 100.3 140.3

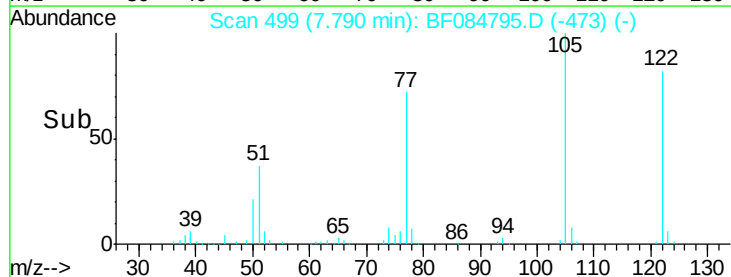
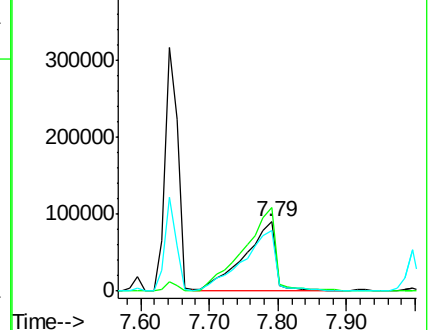
77 88.1 63.5 103.5

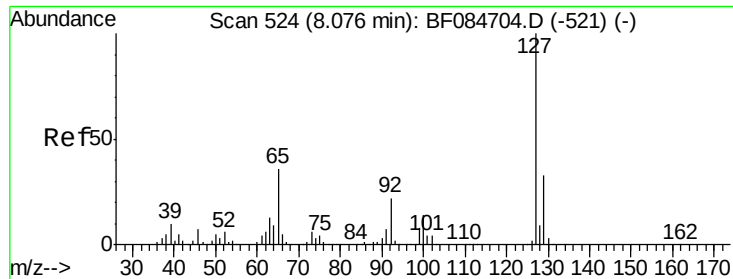


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

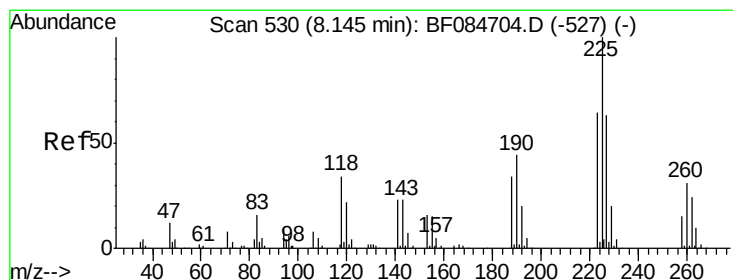
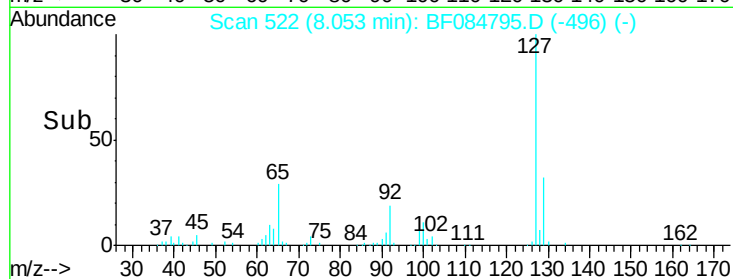
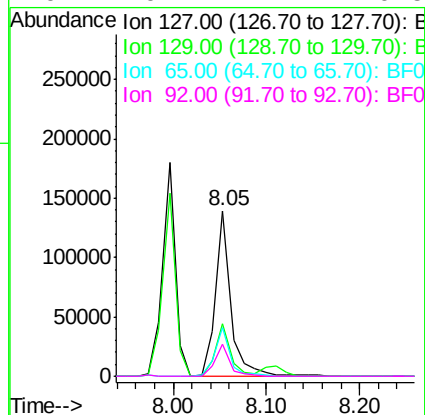
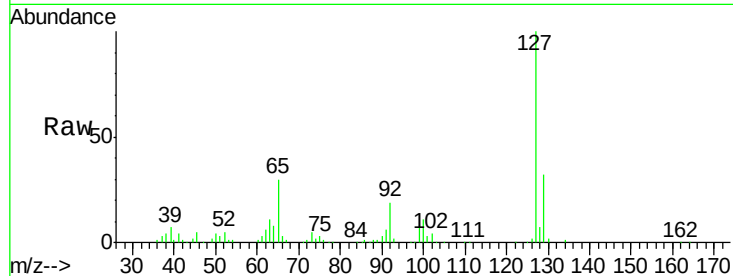




#33
4-Chloroaniline
Concen: 11.14 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

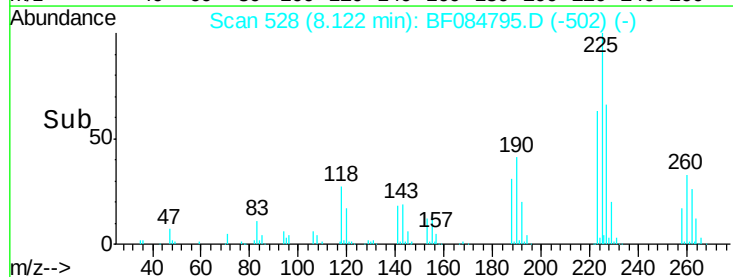
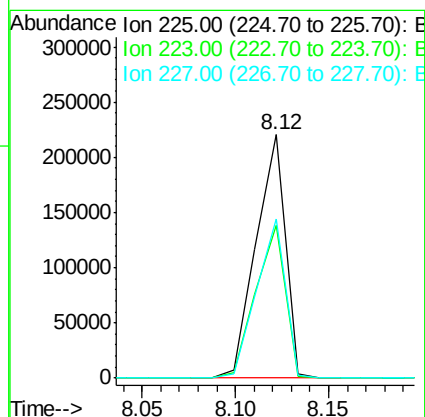
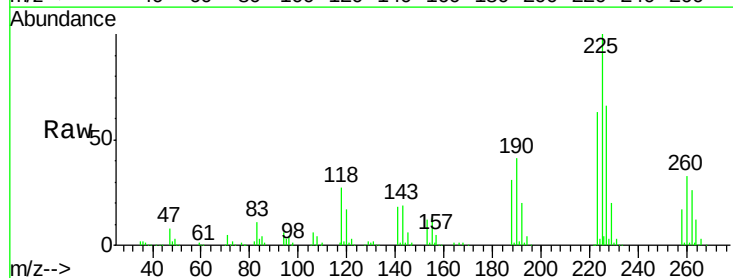
Instrument :
BNA_F
ClientSampleId :
PB88152BS

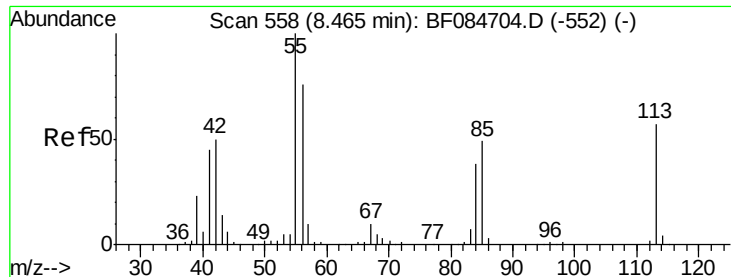
Tgt Ion:	127	Resp:	160203
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	29.9	27.2	40.8
92	19.1	17.7	26.5



#34
Hexachlorobutadiene
Concen: 37.90 ng
RT: 8.12 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:	225	Resp:	238826
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.4	74.0
227	65.6	50.8	76.2





#35

Caprolactam

Concen: 25.35 ng

RT: 8.43 min Scan# 555

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

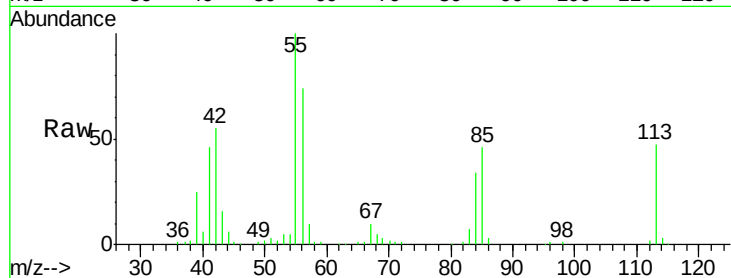
Tgt Ion:113 Resp: 75592

Ion Ratio Lower Upper

113 100

55 214.2 116.9 156.9#

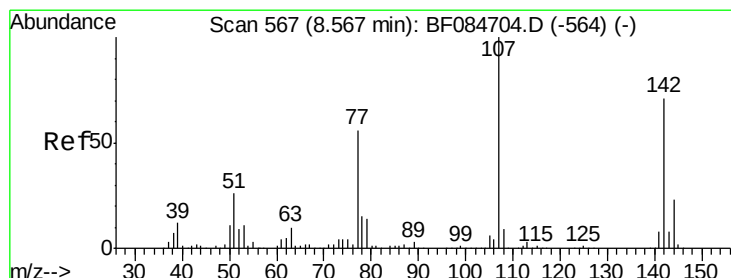
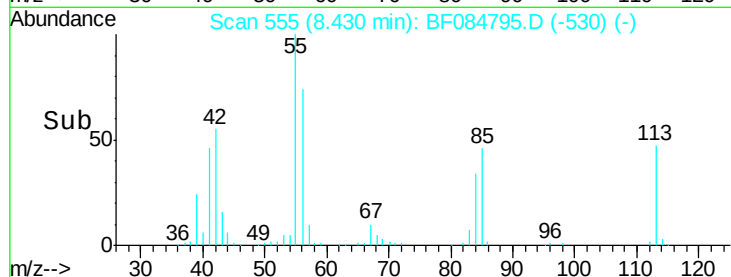
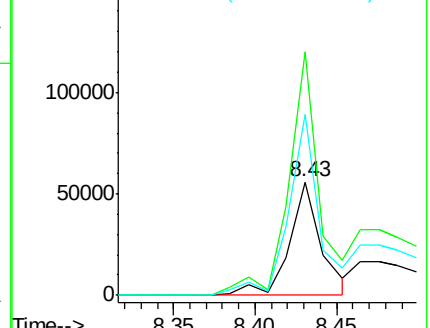
56 159.3 93.8 133.8#



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: 42.64 ng

RT: 8.56 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

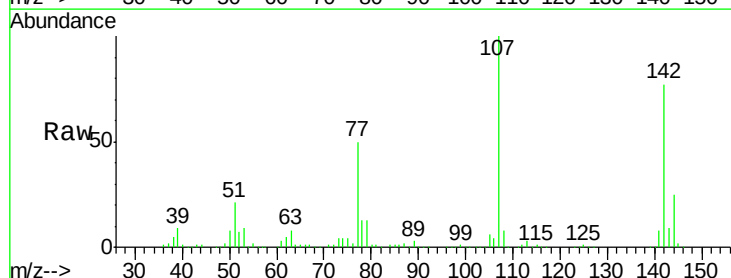
Tgt Ion:107 Resp: 470719

Ion Ratio Lower Upper

107 100

144 24.9 19.7 29.5

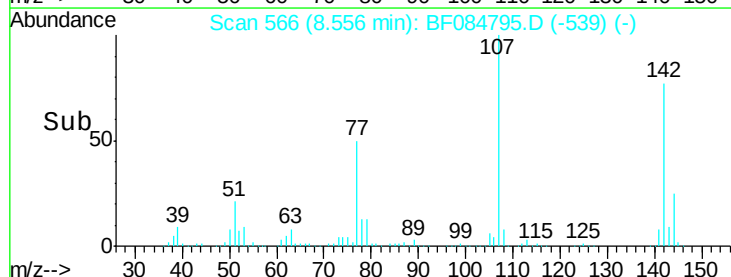
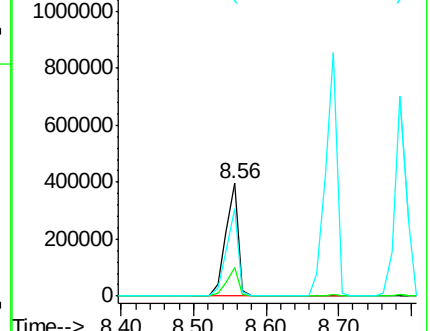
142 77.4 61.8 92.6

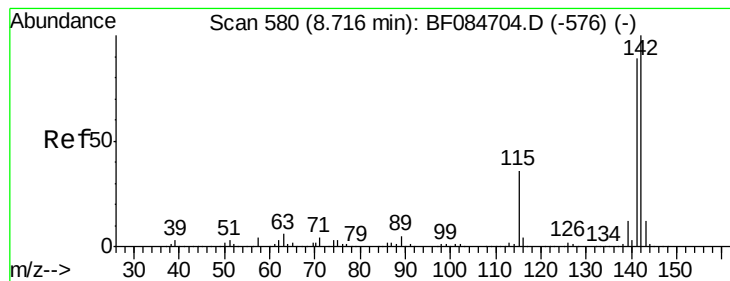


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.33 ng

RT: 8.69 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

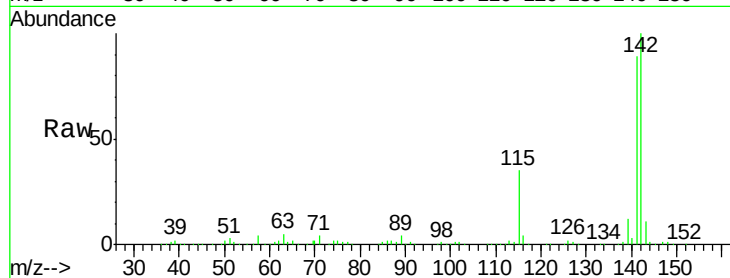
Tgt Ion:142 Resp: 943314

Ion Ratio Lower Upper

142 100

141 89.3 72.4 108.6

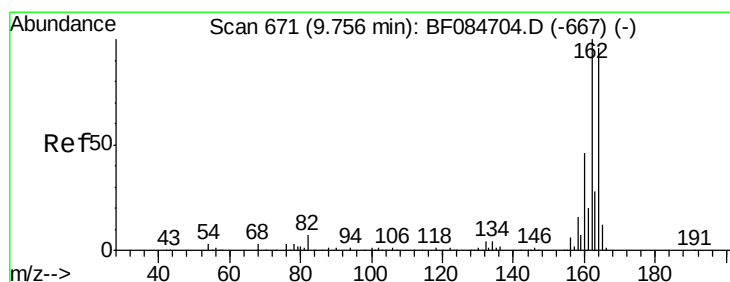
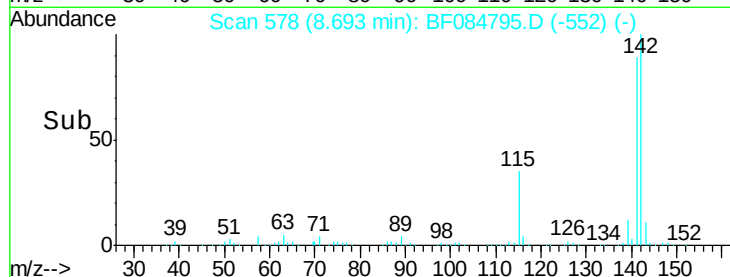
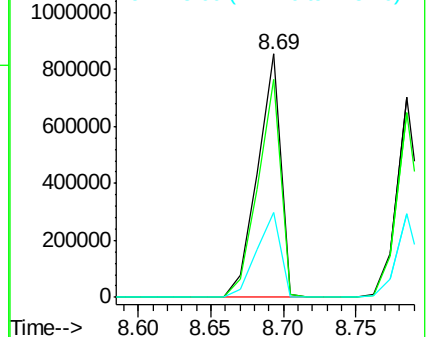
115 35.0 27.9 41.9



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: BF084795.D

Acq: 3 Feb 2016 20:10

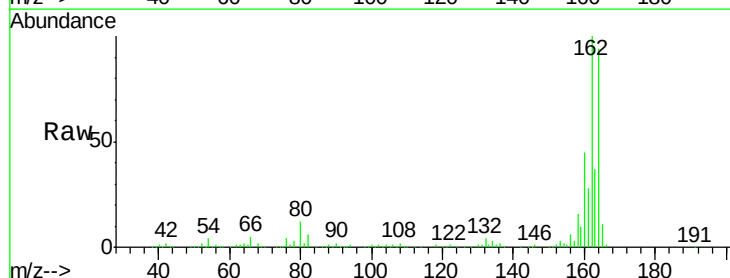
Tgt Ion:164 Resp: 329687

Ion Ratio Lower Upper

164 100

162 106.8 85.1 127.7

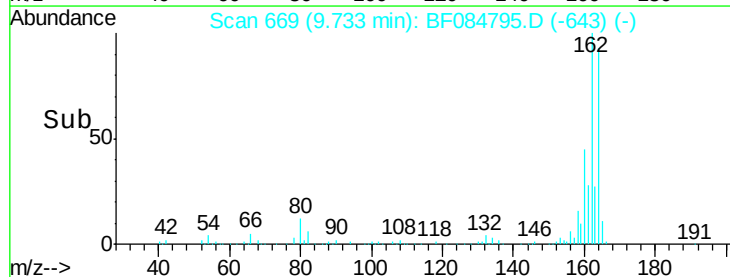
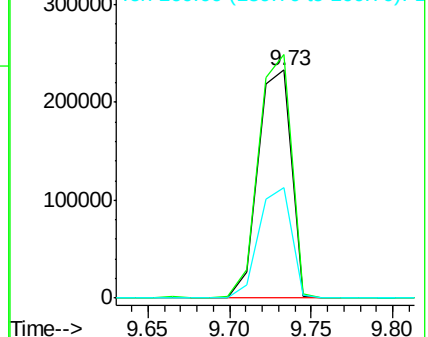
160 48.5 37.5 56.3

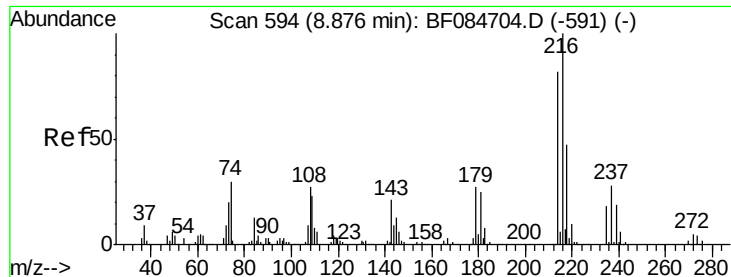


Abundance Ion 164.00 (163.70 to 164.70): E

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: 33.89 ng

RT: 8.85 min Scan# 592

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tgt Ion:216 Resp: 354868

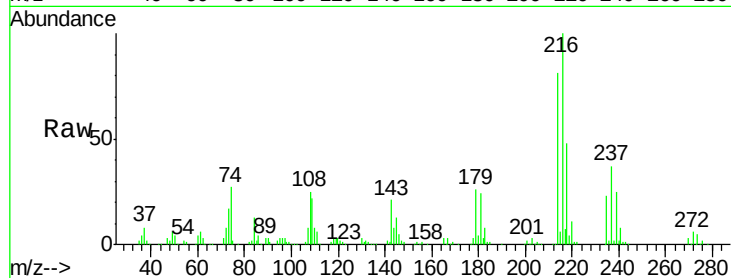
Ion Ratio Lower Upper

216 100

214 79.6 64.2 96.2

179 23.4 18.7 28.1

108 23.5 16.8 25.2

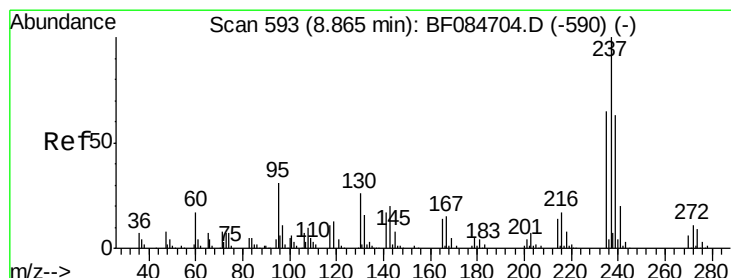
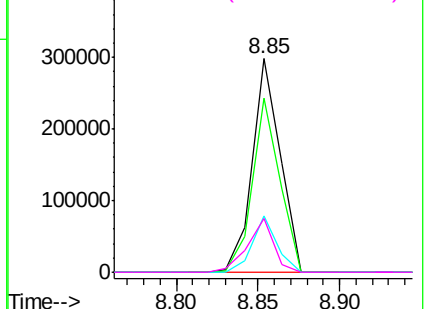
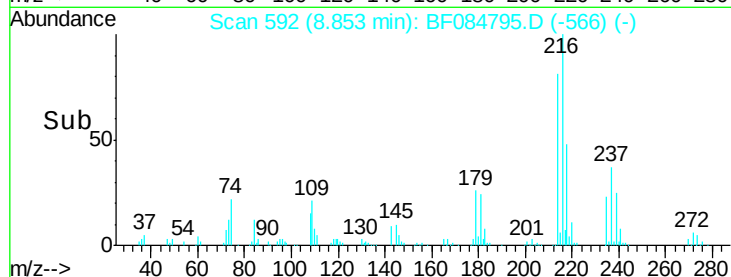


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.72 ng

RT: 8.84 min Scan# 591

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

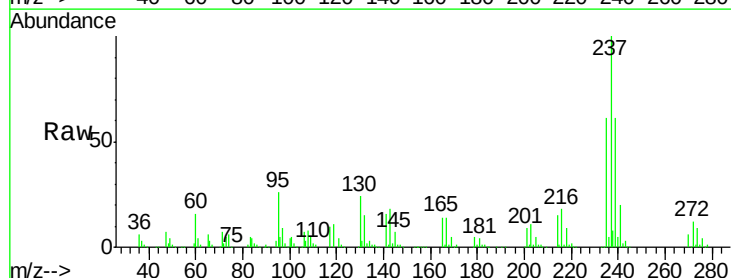
Tgt Ion:237 Resp: 361510

Ion Ratio Lower Upper

237 100

235 61.5 43.1 83.1

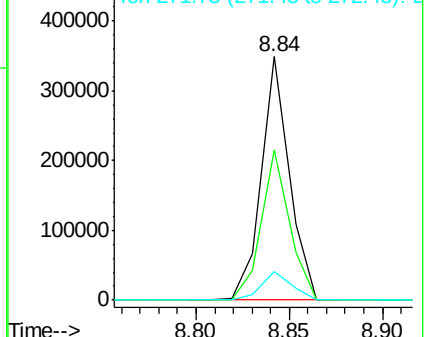
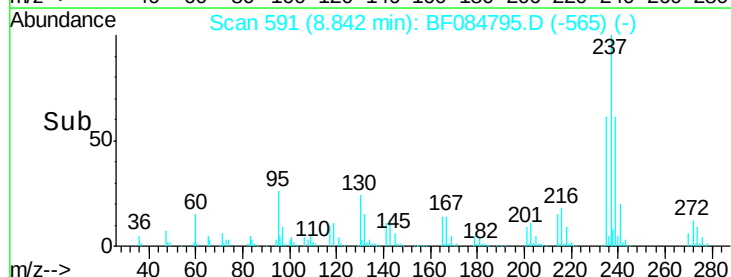
272 11.6 0.0 35.1

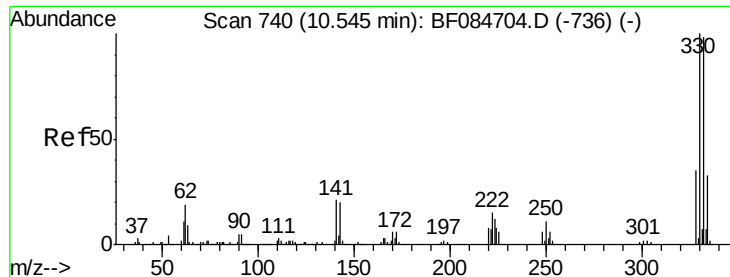


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

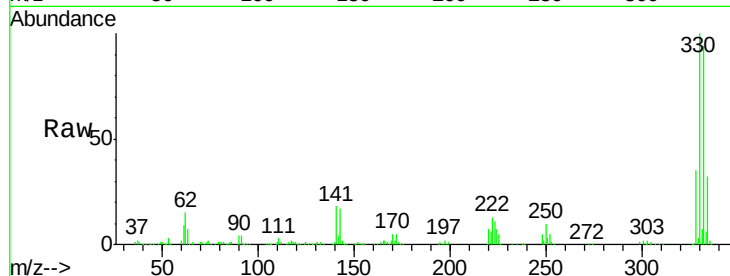




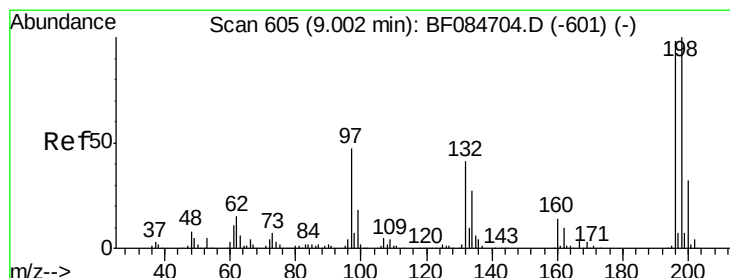
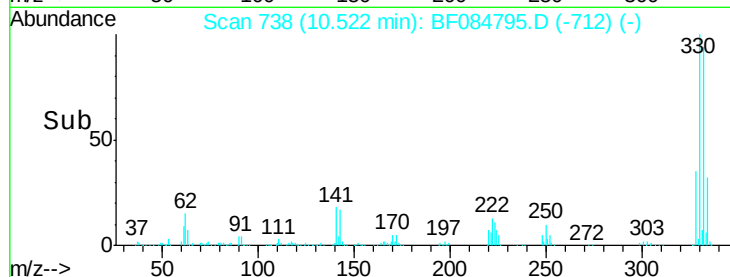
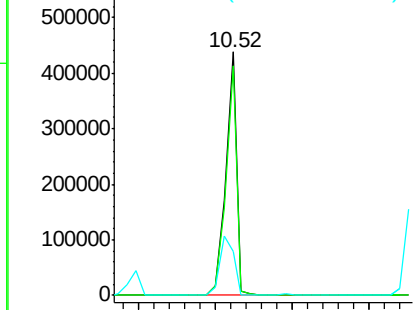
#41
 2,4,6-Tribromophenol
 Concen: 128.53 ng
 RT: 10.52 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampled :
 PB88152BS

Tgt Ion:330 Resp: 441999
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 114.8
 141 31.6 27.8 41.6

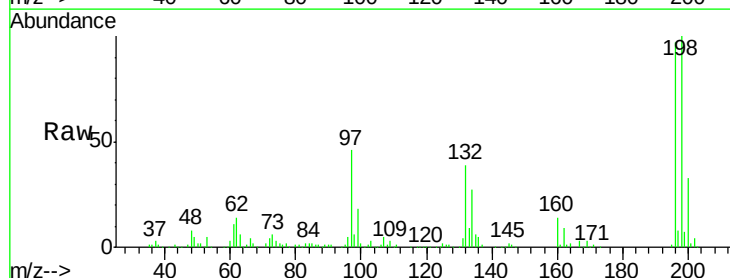


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

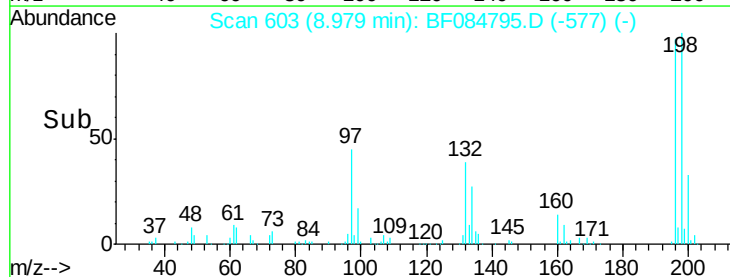
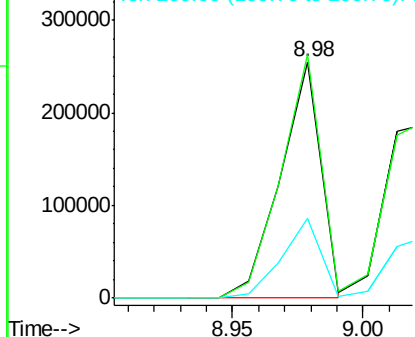


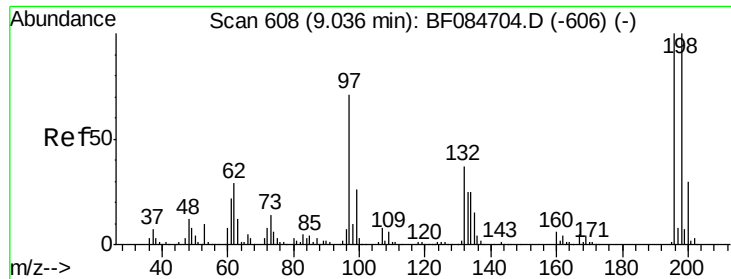
#42
 2,4,6-Trichlorophenol
 Concen: 40.58 ng
 RT: 8.98 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:196 Resp: 273748
 Ion Ratio Lower Upper
 196 100
 198 103.2 77.7 116.5
 200 33.9 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

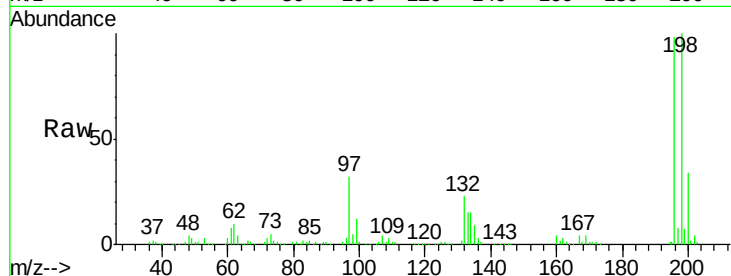




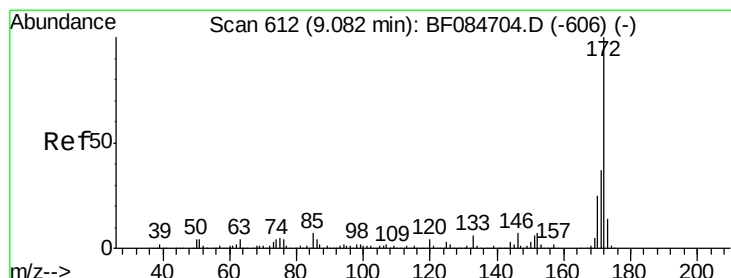
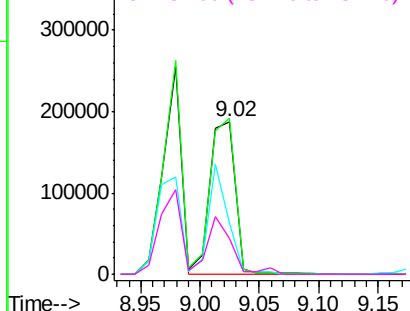
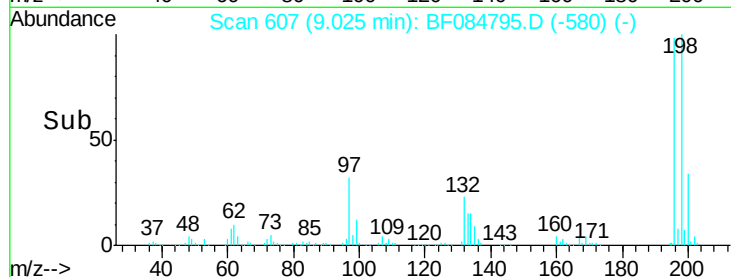
#43
 2,4,5-Trichlorophenol
 Concen: 40.09 ng
 RT: 9.02 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tgt Ion	Resp	Lower	Upper
196	100		
198	102.5	79.0	118.6
97	33.2	33.0	49.6
132	23.2	21.1	31.7

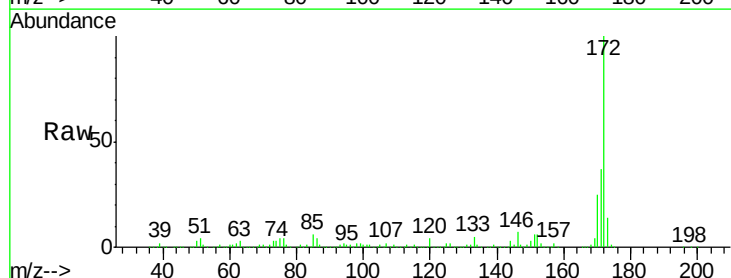


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

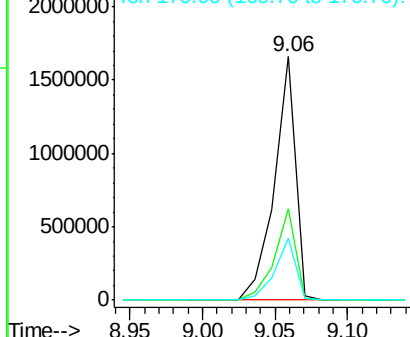
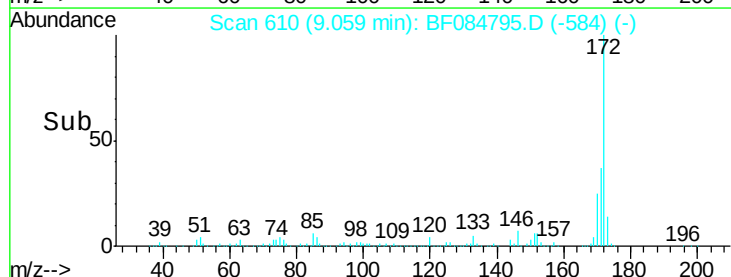


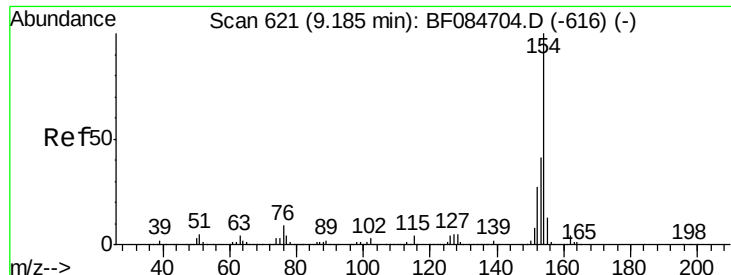
#44
 2-Fluorobiphenyl
 Concen: 86.55 ng
 RT: 9.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion	Resp	Lower	Upper
172	100		
171	37.2	28.9	43.3
170	25.4	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: 35.58 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

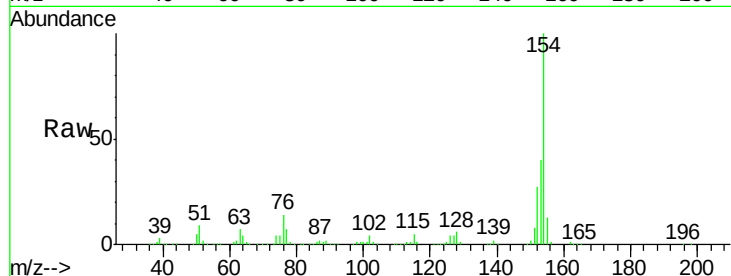
Tgt Ion:154 Resp: 1047807

Ion Ratio Lower Upper

154 100

153 39.9 21.6 61.6

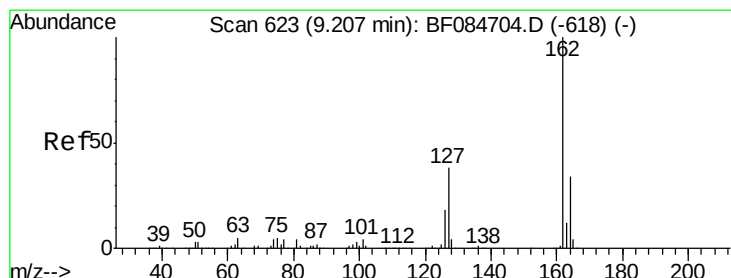
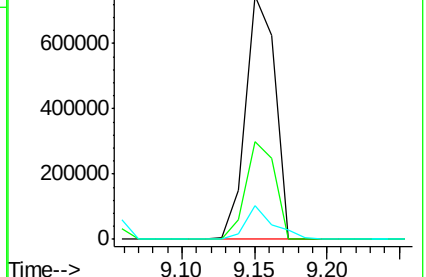
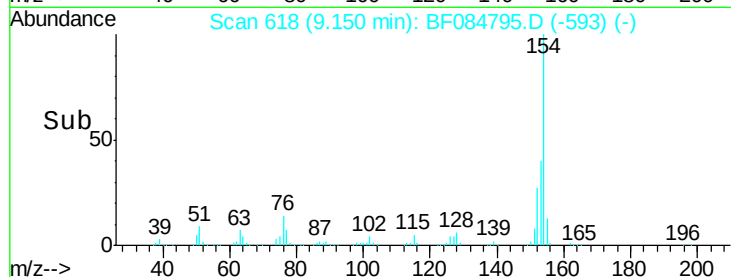
76 13.8 0.0 32.7



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: 35.64 ng

RT: 9.17 min Scan# 620

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

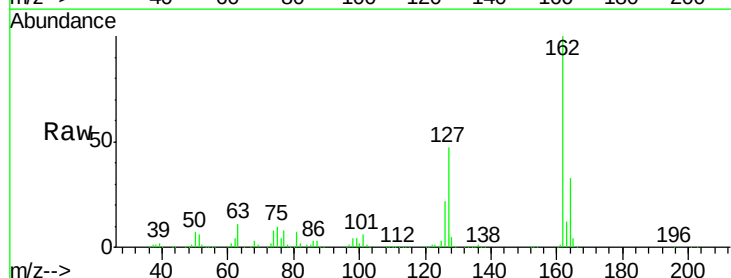
Tgt Ion:162 Resp: 772920

Ion Ratio Lower Upper

162 100

127 46.8 40.2 60.4

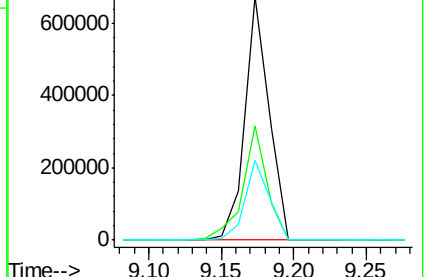
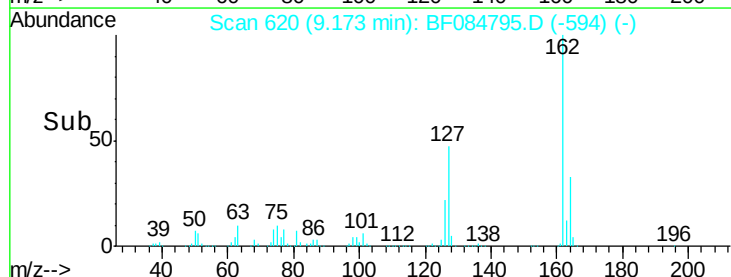
164 33.0 25.7 38.5

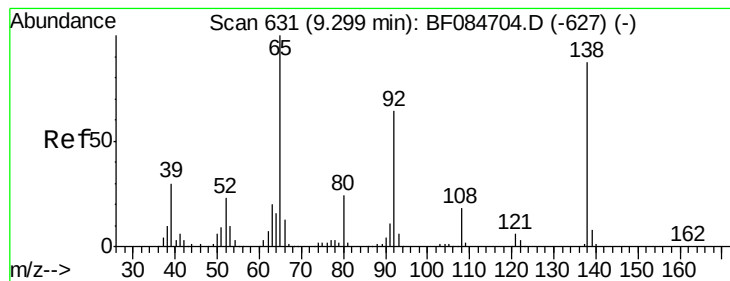


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 36.54 ng

RT: 9.28 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

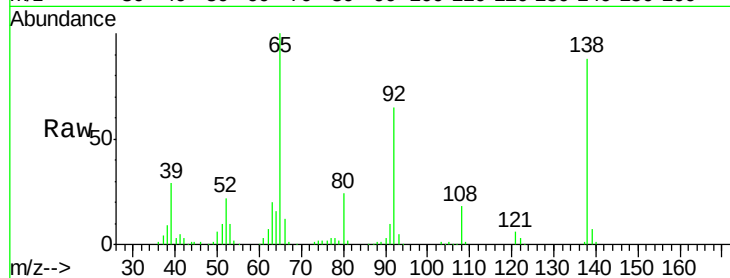
Tgt Ion: 65 Resp: 250913

Ion Ratio Lower Upper

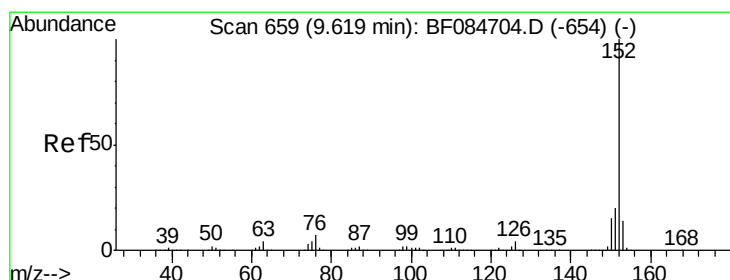
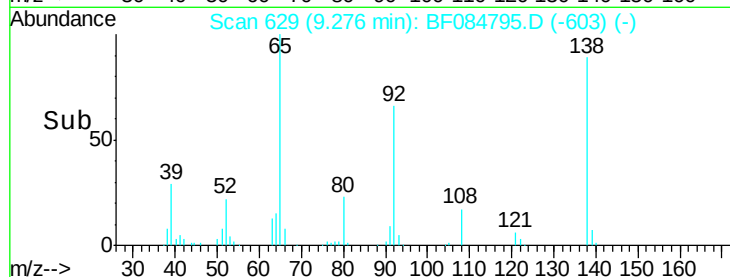
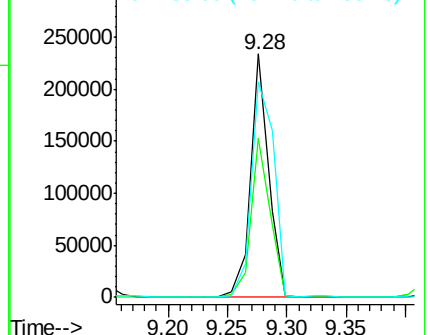
65 100

92 65.3 53.4 80.2

138 88.4 71.1 106.7



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 37.74 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

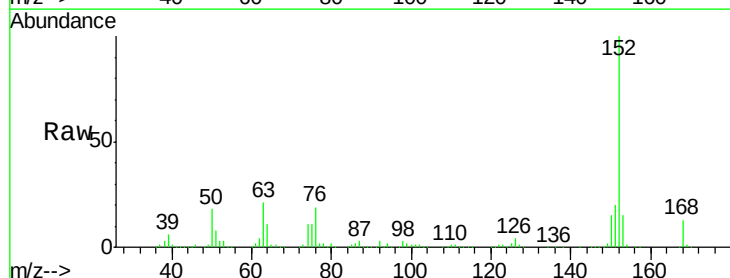
Tgt Ion: 152 Resp: 1241819

Ion Ratio Lower Upper

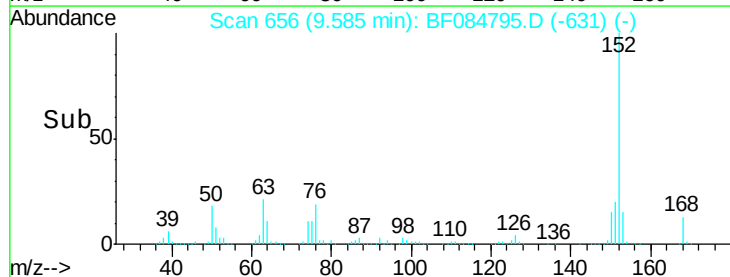
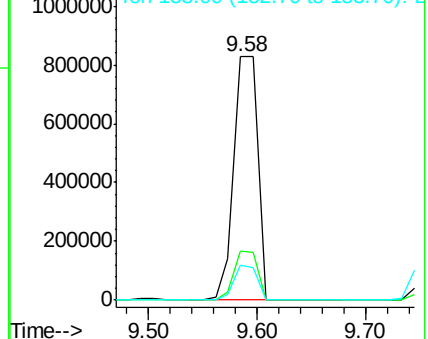
152 100

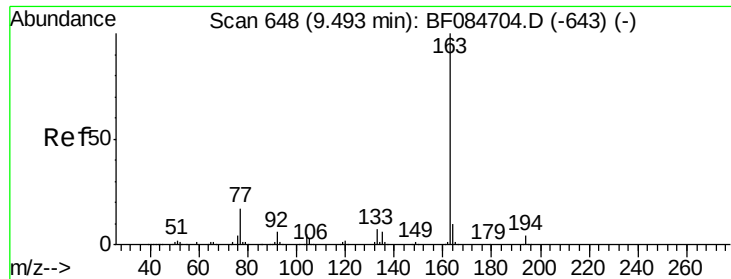
151 20.4 16.3 24.5

153 14.6 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.91 ng

RT: 9.47 min Scan# 646

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

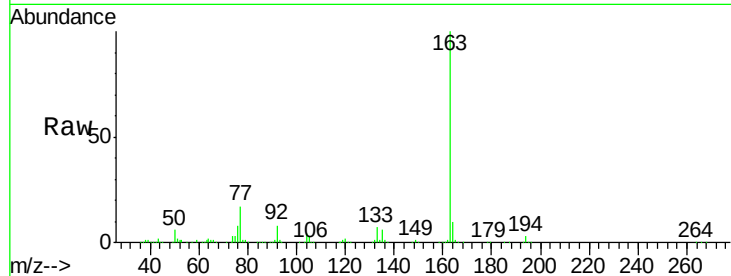
Tgt Ion:163 Resp: 1027351

Ion Ratio Lower Upper

163 100

194 3.5 8.0 12.0#

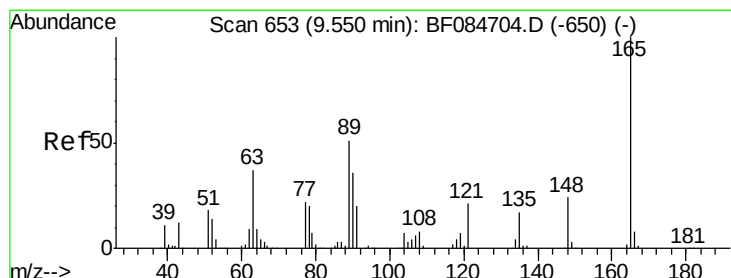
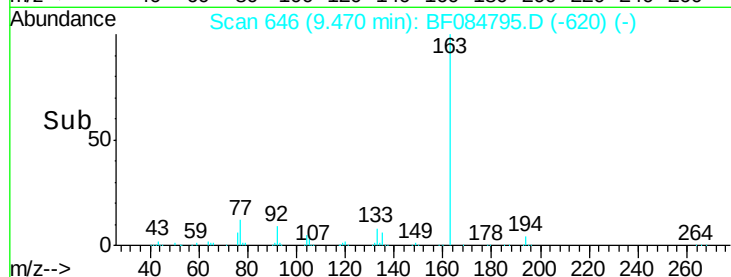
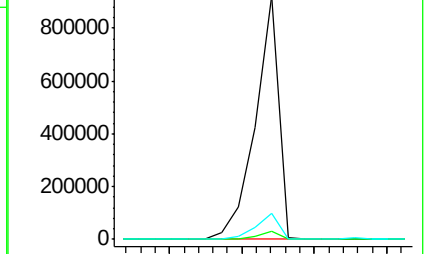
164 10.5 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.71 ng

RT: 9.53 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

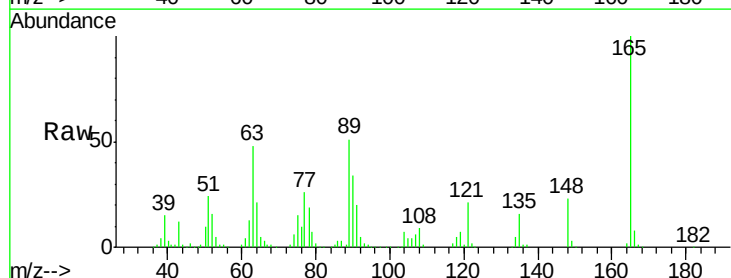
Tgt Ion:165 Resp: 239781

Ion Ratio Lower Upper

165 100

63 47.7 28.8 43.2#

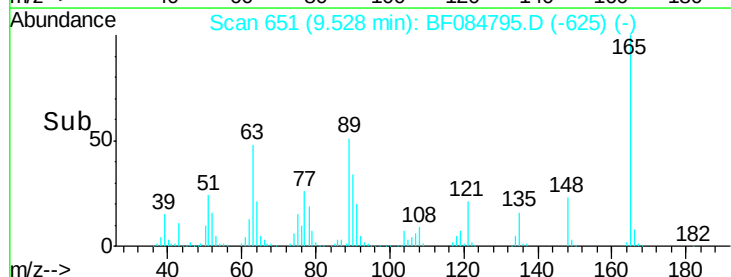
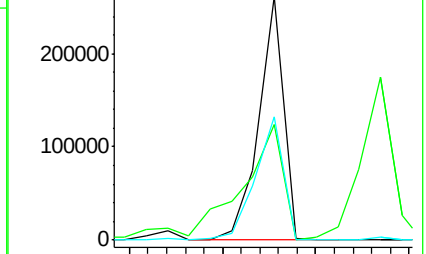
89 50.6 35.1 52.7

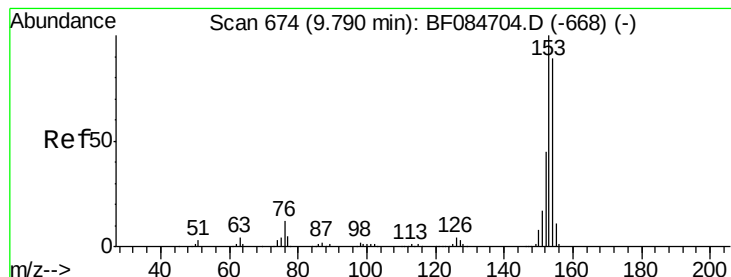


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 36.56 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

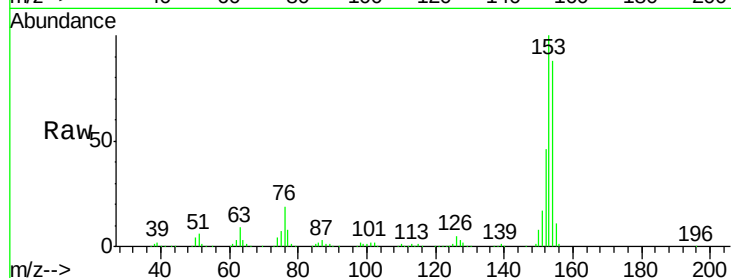
Tgt Ion:154 Resp: 782749

Ion Ratio Lower Upper

154 100

153 113.6 91.5 137.3

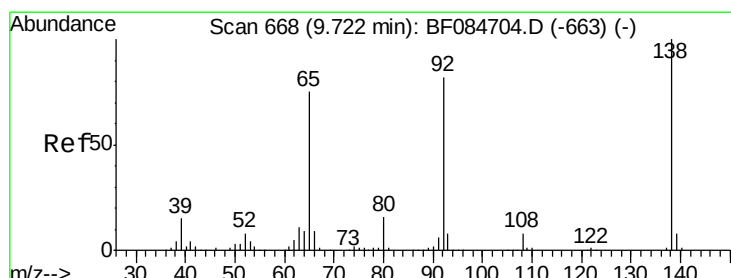
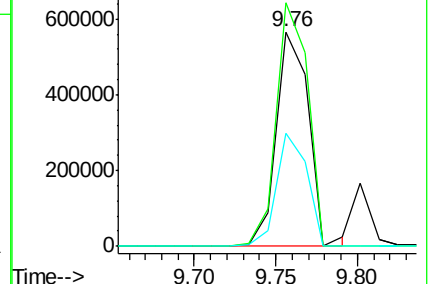
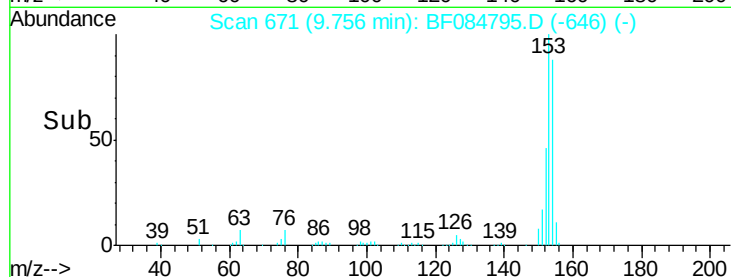
152 52.6 43.0 64.6



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: 17.50 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

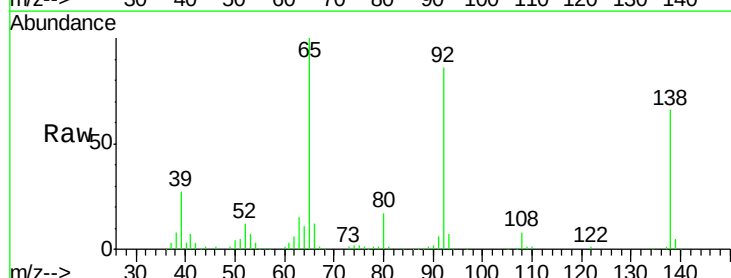
Tgt Ion:138 Resp: 107882

Ion Ratio Lower Upper

138 100

108 11.9 10.5 15.7

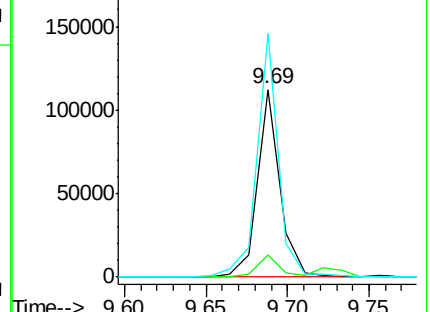
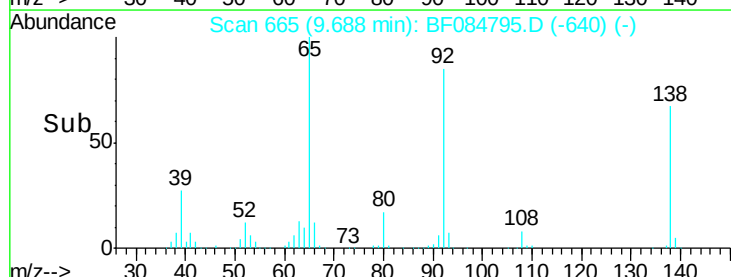
92 129.8 103.9 155.9

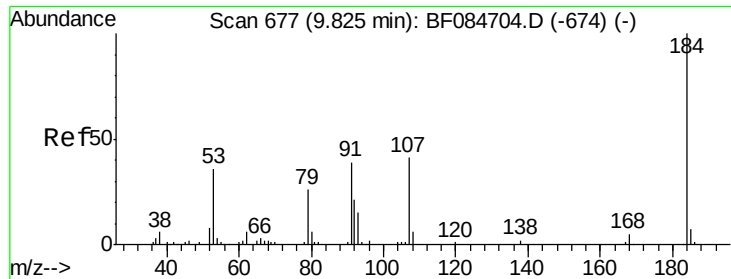


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

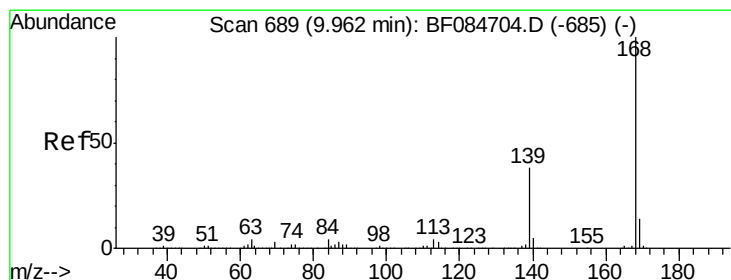
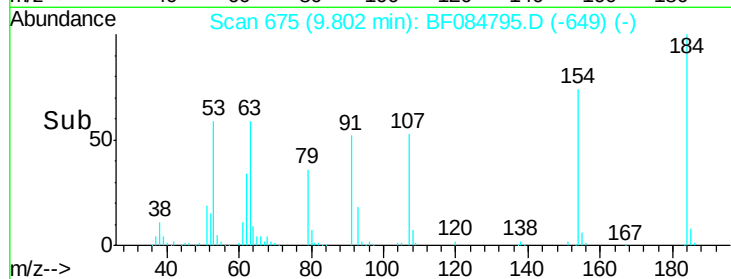
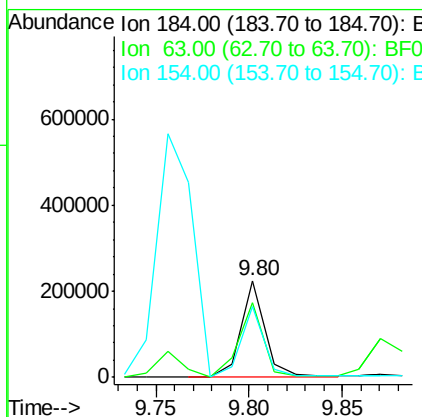
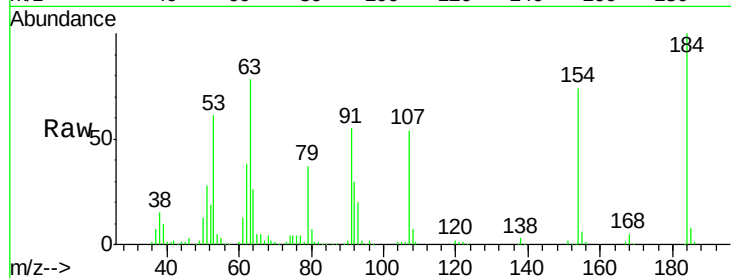




#53
 2,4-Dinitrophenol
 Concen: 81.12 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

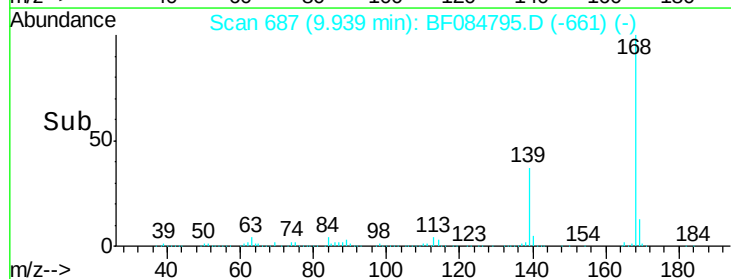
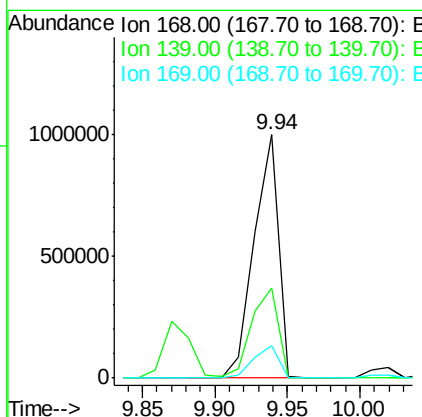
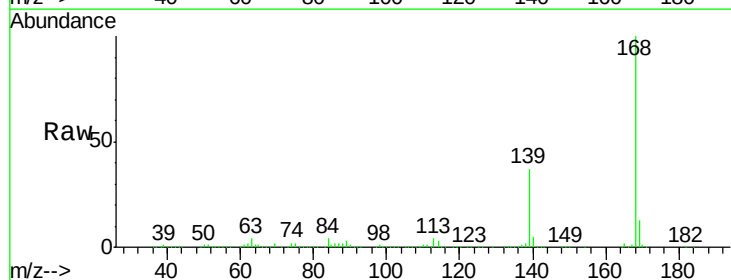
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

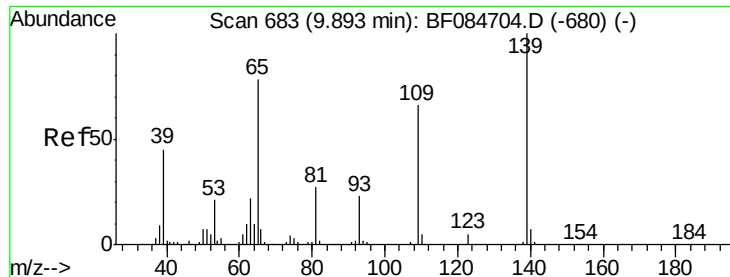
Tgt Ion:184 Resp: 205590
 Ion Ratio Lower Upper
 184 100
 63 77.6 43.1 64.7#
 154 73.6 60.5 90.7



#54
 Dibenzofuran
 Concen: 44.45 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:168 Resp: 1163183
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.5 45.7
 169 13.1 10.4 15.6





#55

4-Nitrophenol

Concen: 68.35 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

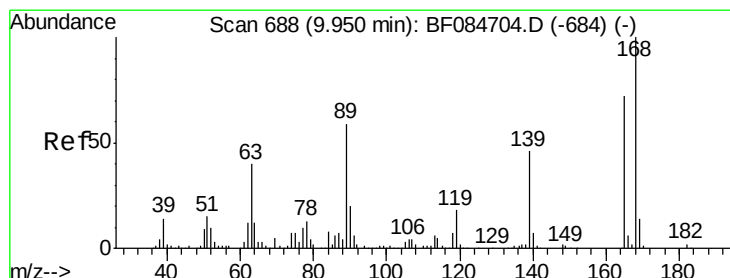
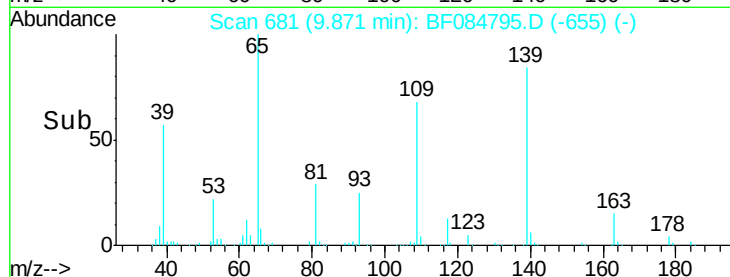
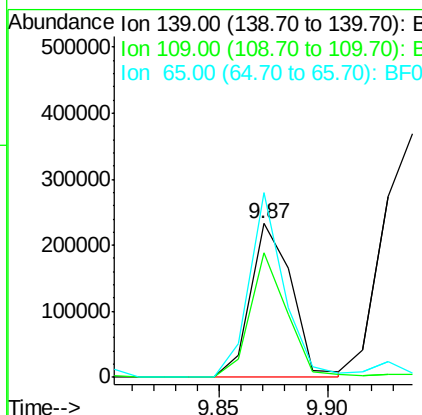
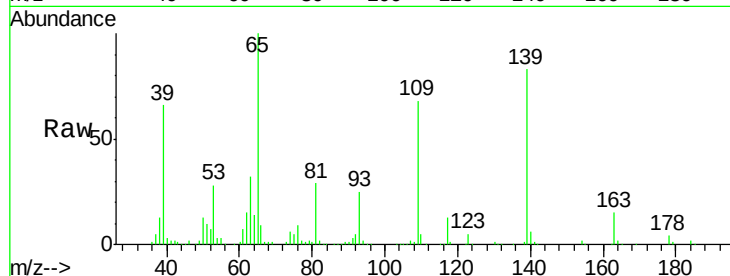
Instrument :

BNA_F

ClientSampleId :

PB88152BS

Tgt Ion:139 Resp: 309627
 Ion Ratio Lower Upper
 139 100
 109 81.3 58.5 98.5
 65 119.9 57.6 97.6#



#56

2,4-Dinitrotoluene

Concen: 37.50 ng

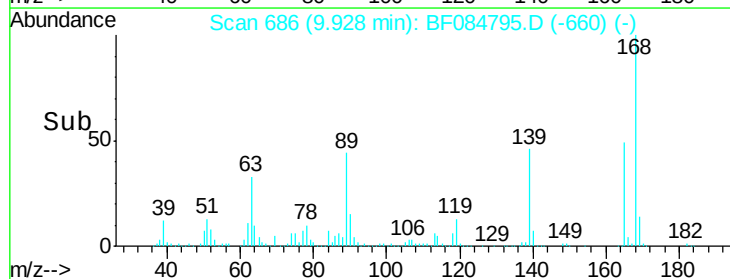
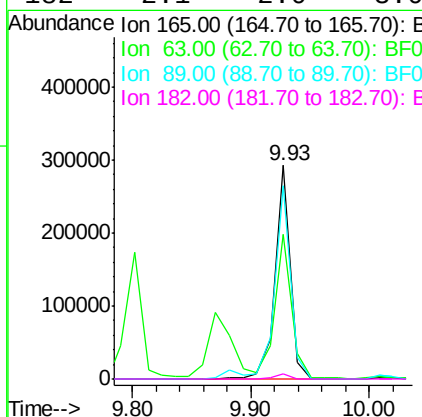
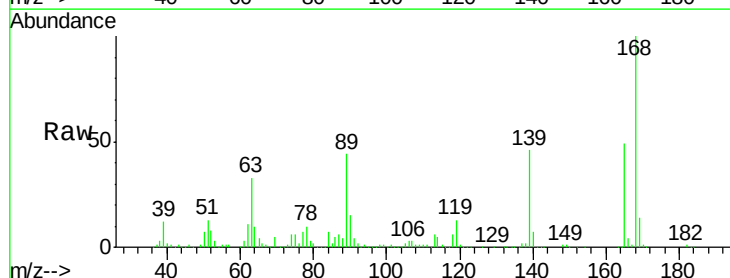
RT: 9.93 min Scan# 686

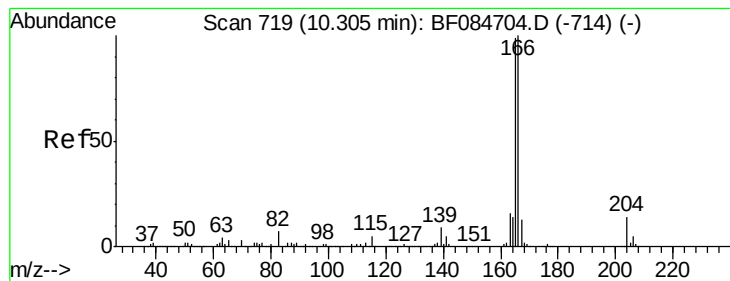
Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:165 Resp: 262392
 Ion Ratio Lower Upper
 165 100
 63 67.5 36.7 55.1#
 89 90.4 61.9 92.9
 182 2.1 2.0 3.0





#57

Fluorene

Concen: 38.70 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

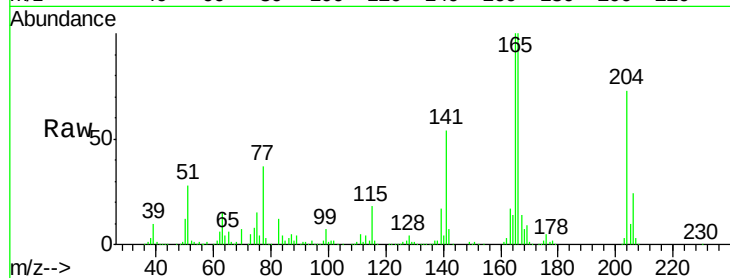
Tgt Ion:166 Resp: 845706

Ion Ratio Lower Upper

166 100

165 99.9 79.1 118.7

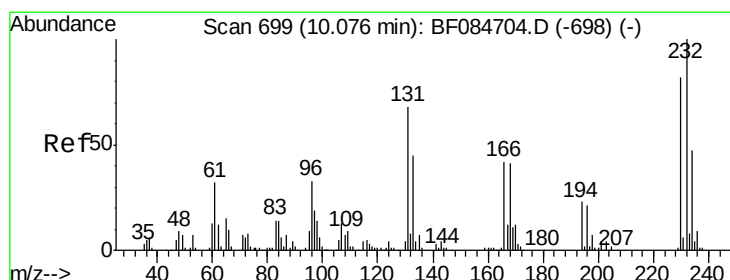
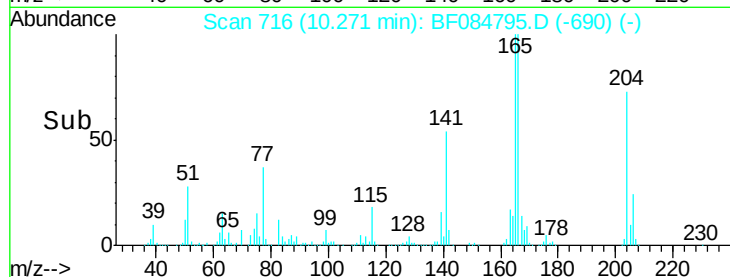
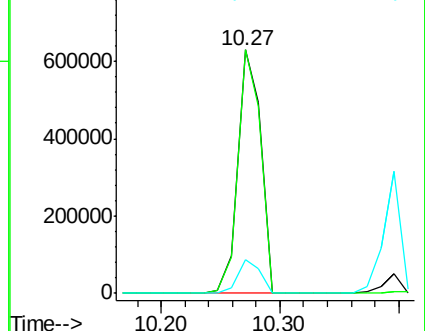
167 14.1 10.4 15.6



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: 43.79 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion:232 Resp: 228466

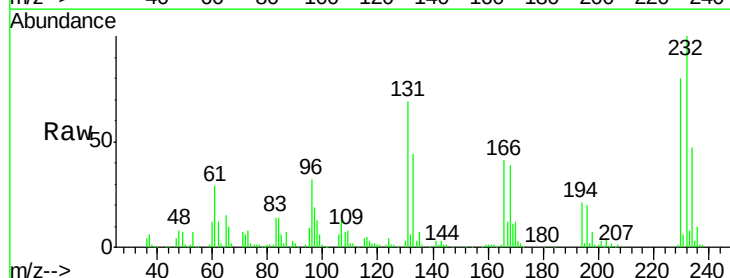
Ion Ratio Lower Upper

232 100

131 51.5 47.0 70.6

130 2.4 2.0 3.0

166 31.8 30.5 45.7

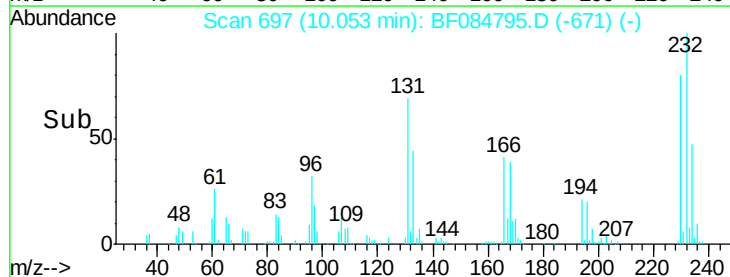
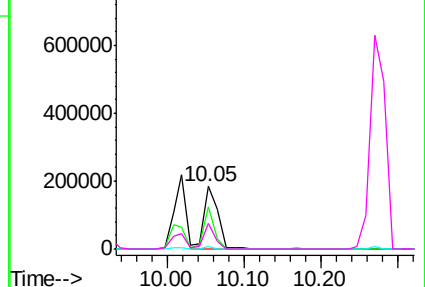


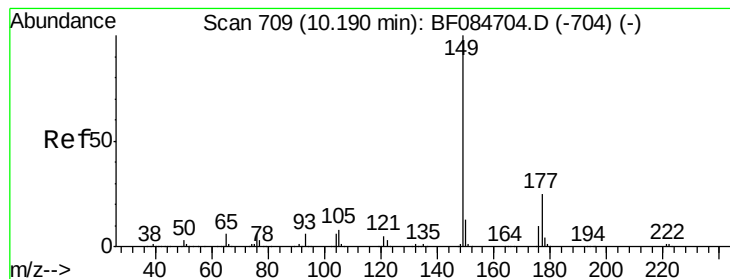
Abundance Ion 232.00 (231.70 to 232.70): E

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: 41.40 ng

RT: 10.17 min Scan# 707

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

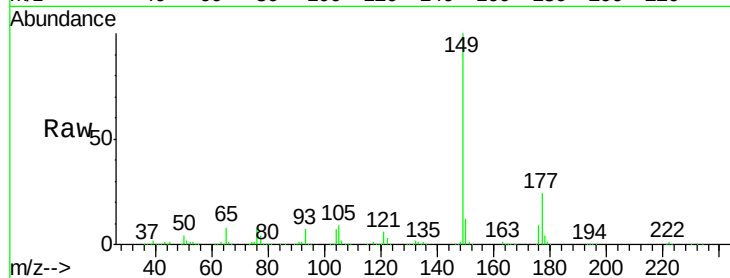
Tgt Ion:149 Resp: 1015004

Ion Ratio Lower Upper

149 100

177 23.6 17.3 25.9

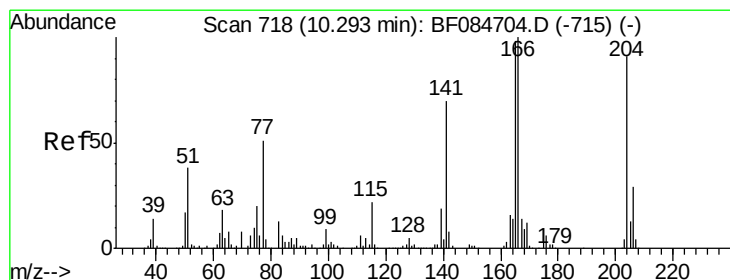
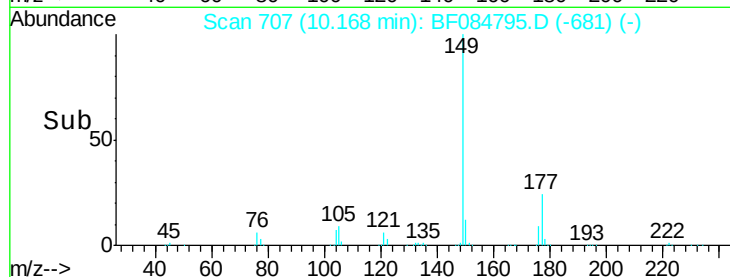
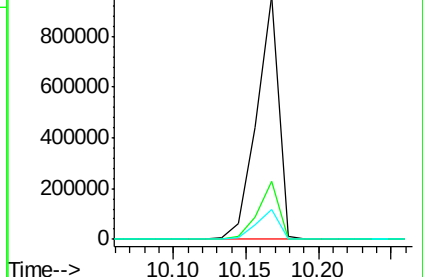
150 12.4 9.8 14.8



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: 42.39 ng

RT: 10.27 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

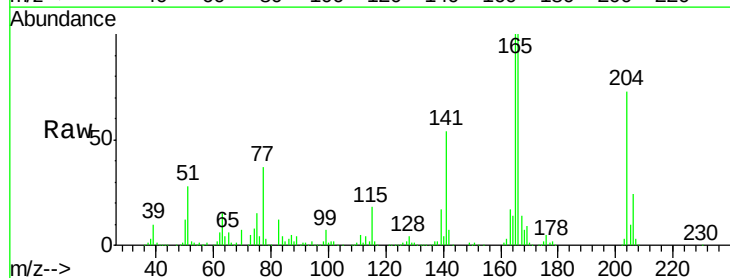
Tgt Ion:204 Resp: 393054

Ion Ratio Lower Upper

204 100

206 32.8 25.7 38.5

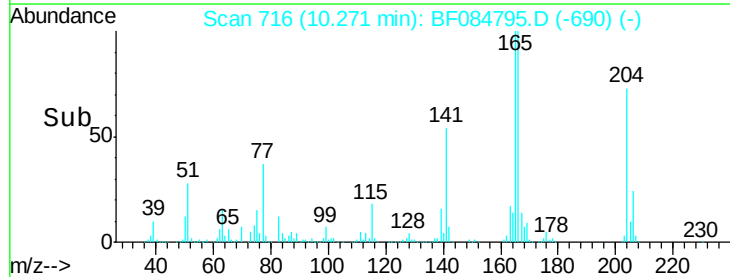
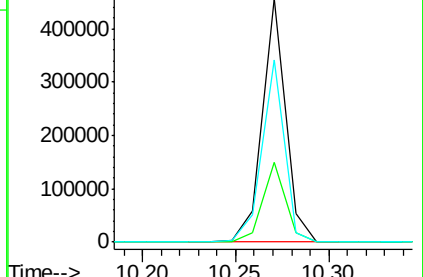
141 74.9 55.1 82.7

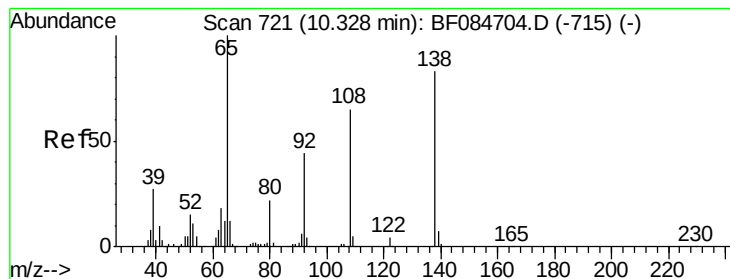


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 34.33 ng

RT: 10.30 min Scan# 719

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

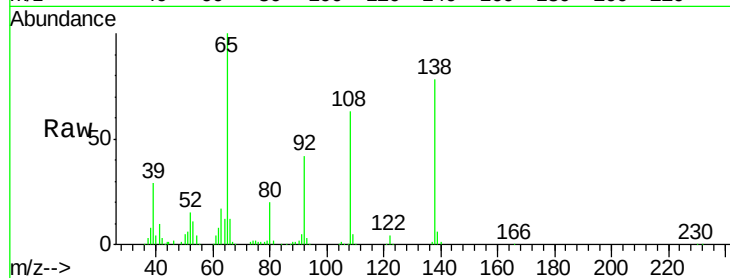
Tgt Ion:138 Resp: 206210

Ion Ratio Lower Upper

138 100

92 54.6 32.6 72.6

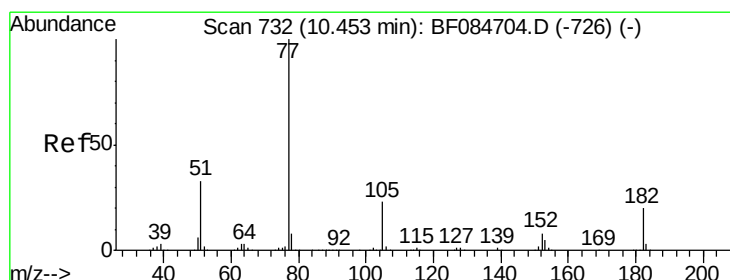
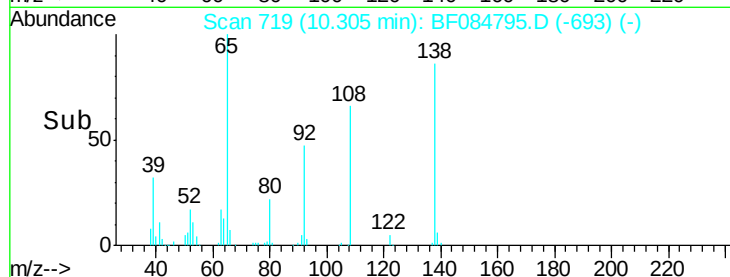
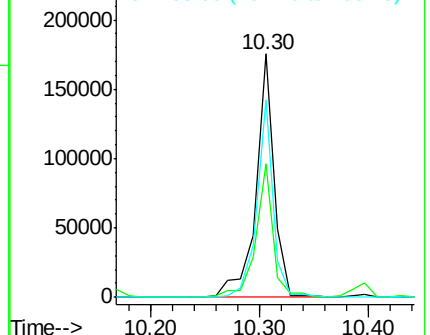
108 81.2 68.6 108.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.67 ng

RT: 10.43 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Tgt Ion: 77 Resp: 1053159

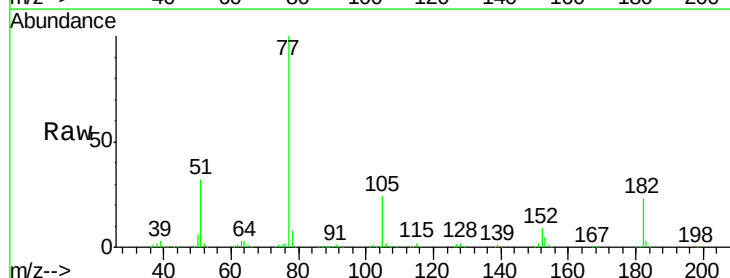
Ion Ratio Lower Upper

77 100

182 22.9 8.3 48.3

105 24.1 4.6 44.6

51 32.3 6.2 46.2

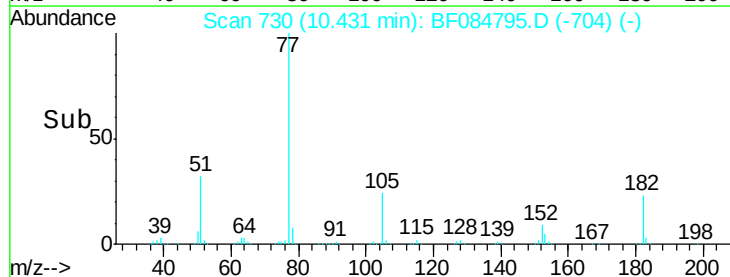
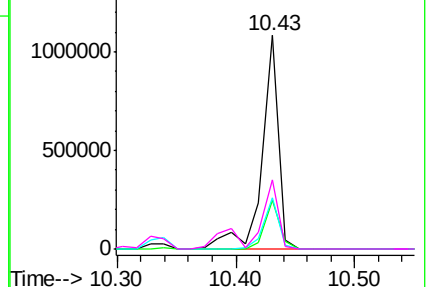


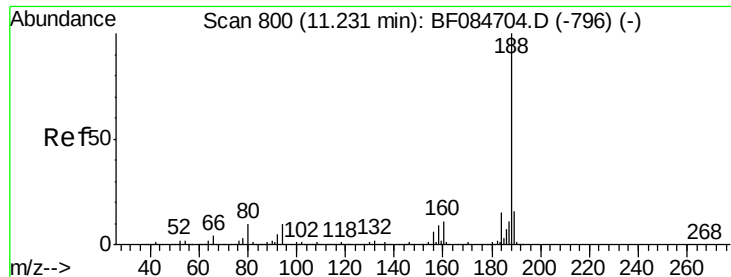
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

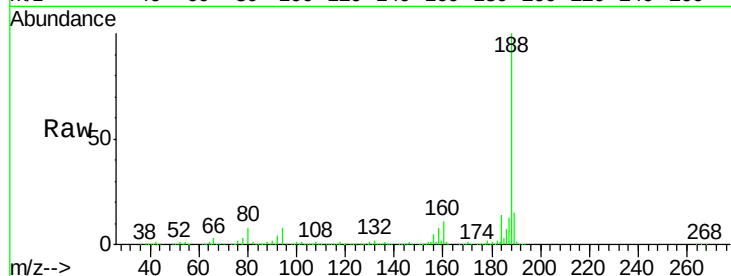




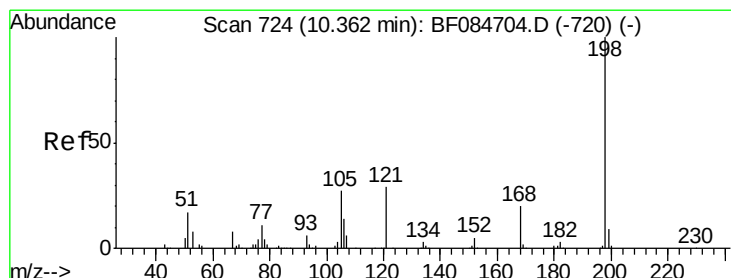
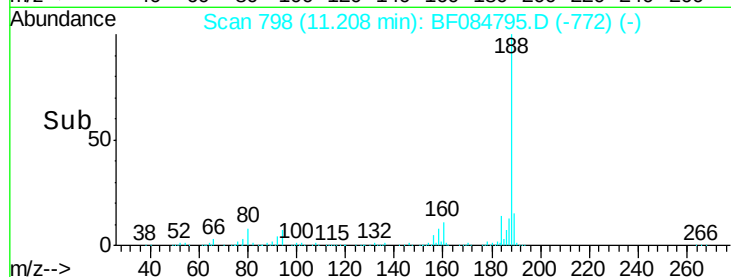
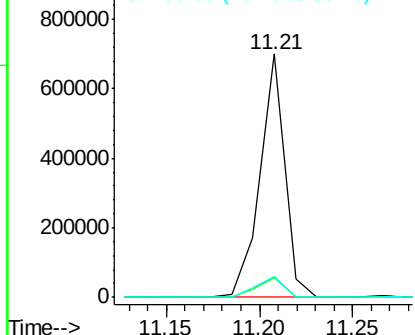
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 798
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Instrument :
BNA_F
ClientSampleId :
PB88152BS

Tgt Ion:188 Resp: 641047
Ion Ratio Lower Upper
188 100
94 7.9 9.0 13.4#
80 8.4 9.6 14.4#

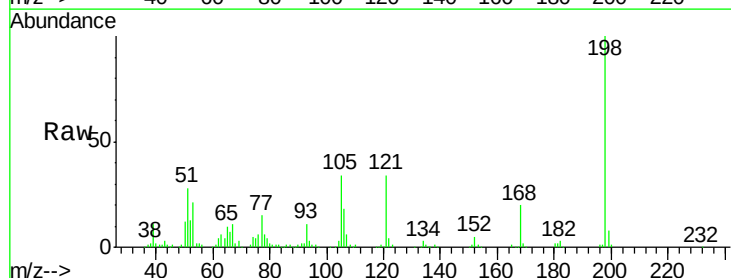


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

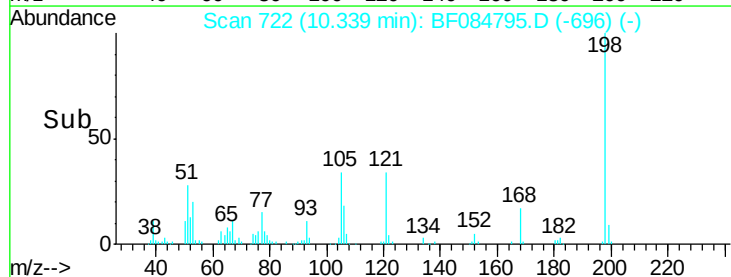
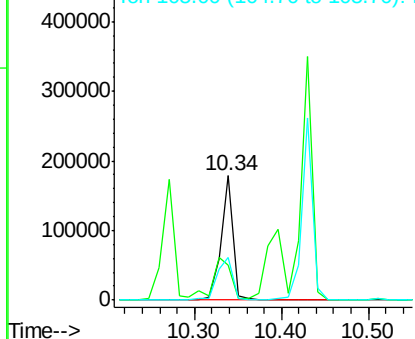


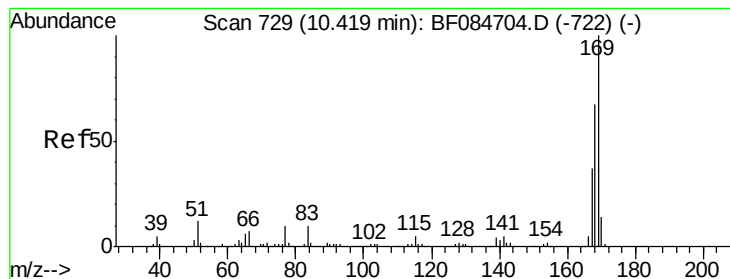
#64
4,6-Dinitro-2-methylphenol
Concen: 44.30 ng
RT: 10.34 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:198 Resp: 175256
Ion Ratio Lower Upper
198 100
51 27.7 18.9 58.9
105 34.1 26.4 66.4



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.25 ng

RT: 10.40 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampled :

PB88152BS

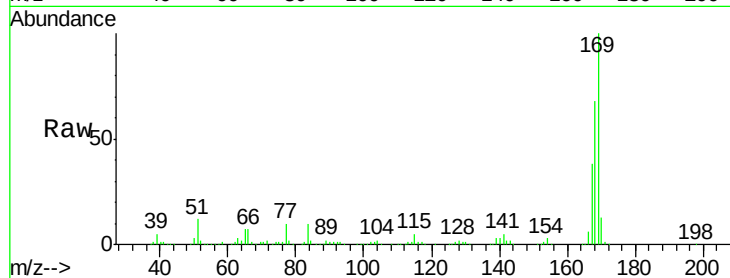
Tgt Ion:169 Resp: 839678

Ion Ratio Lower Upper

169 100

168 68.2 55.1 82.7

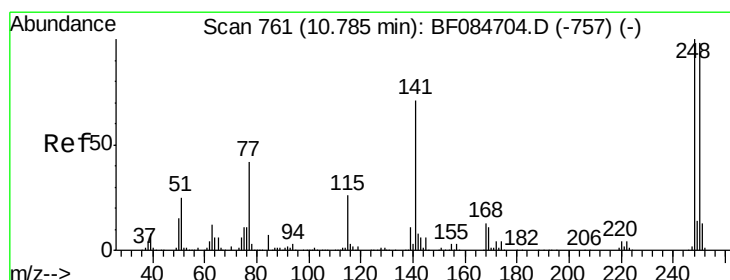
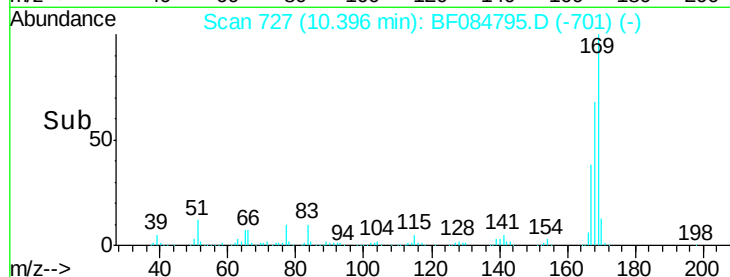
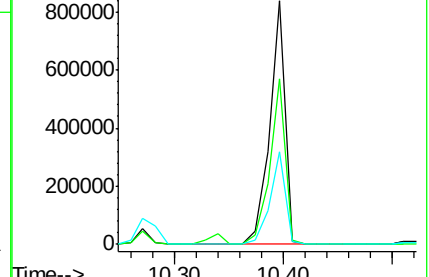
167 37.8 30.0 45.0



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: 40.38 ng

RT: 10.76 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

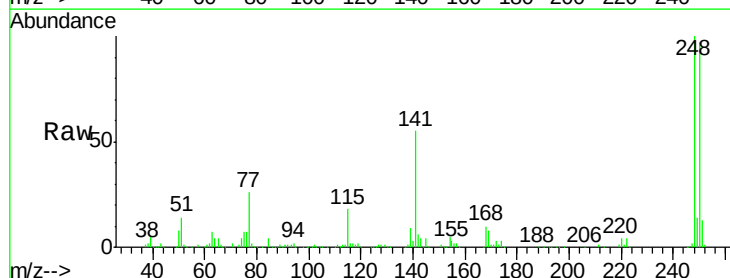
Tgt Ion:248 Resp: 285938

Ion Ratio Lower Upper

248 100

250 97.5 78.4 117.6

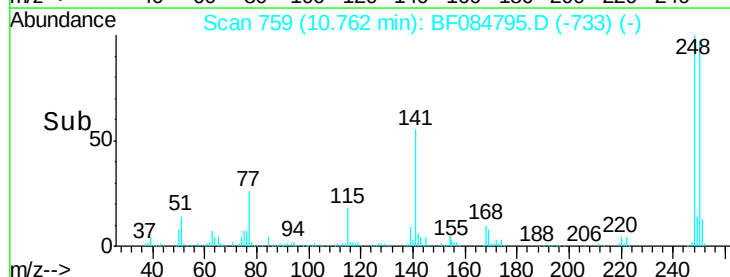
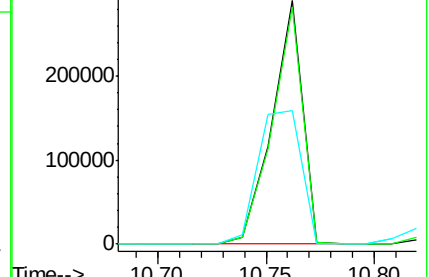
141 54.6 44.0 66.0

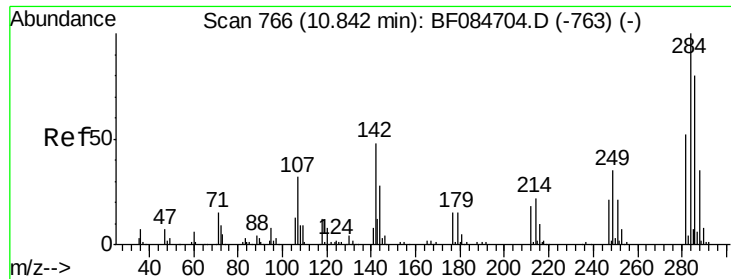


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.45 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

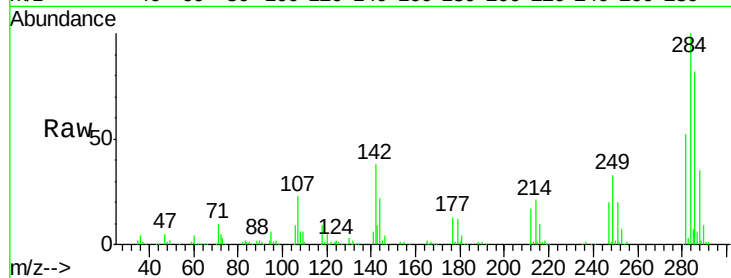
Tgt Ion:284 Resp: 288915

Ion Ratio Lower Upper

284 100

142 37.6 22.2 33.4#

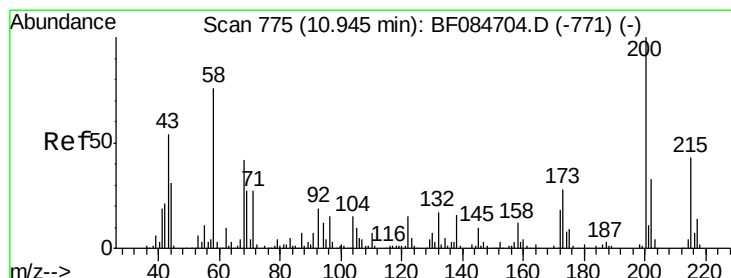
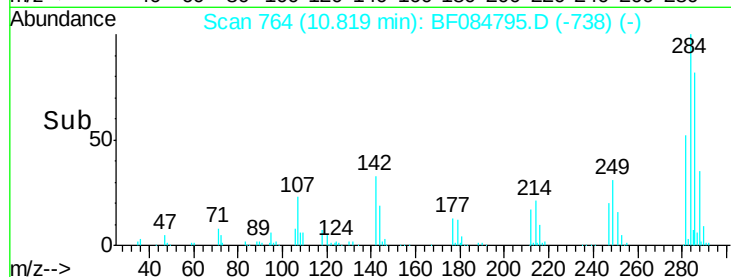
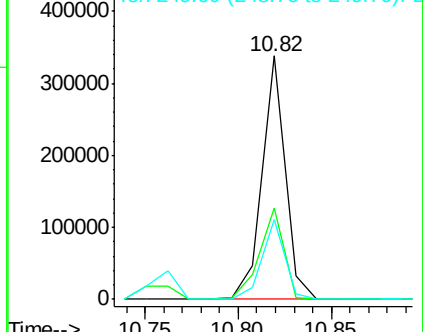
249 33.0 24.6 37.0



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: 39.27 ng

RT: 10.92 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

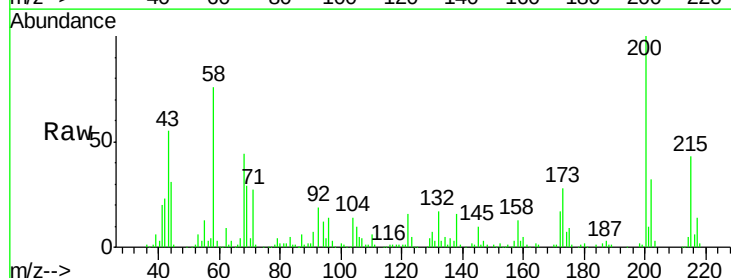
Tgt Ion:200 Resp: 252457

Ion Ratio Lower Upper

200 100

173 27.6 9.5 49.5

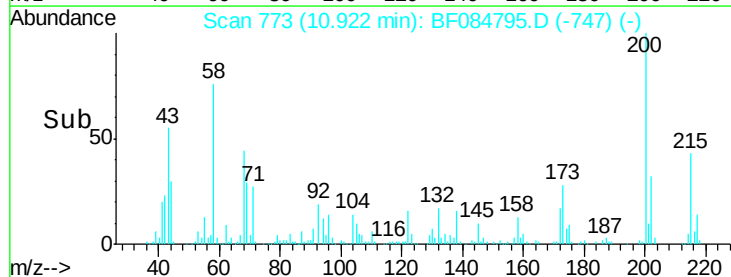
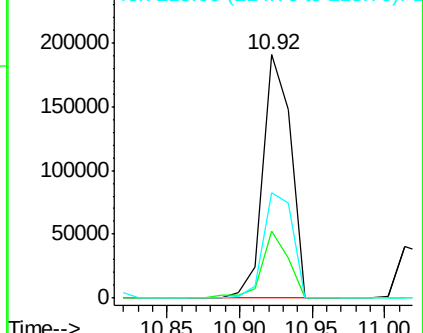
215 43.4 23.8 63.8

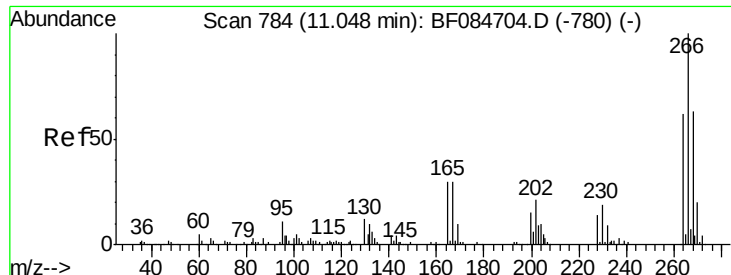


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

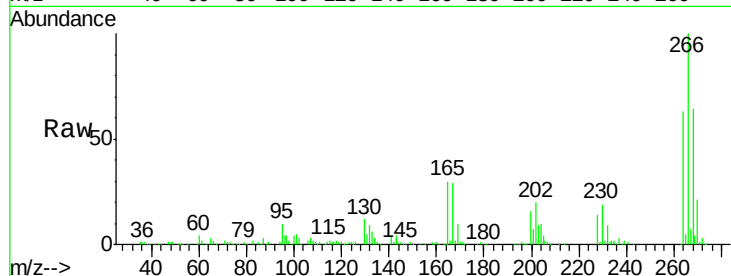




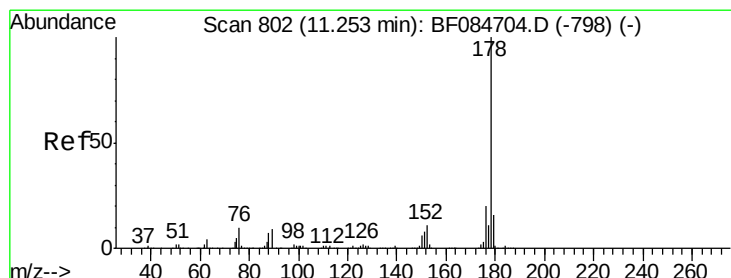
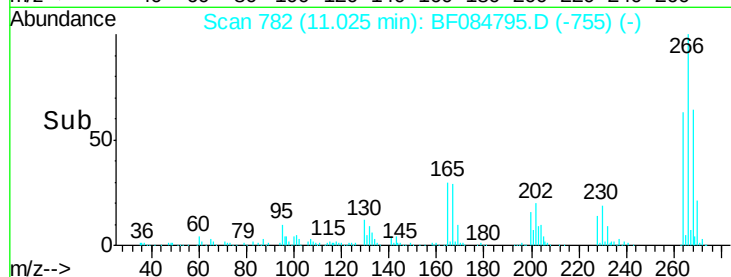
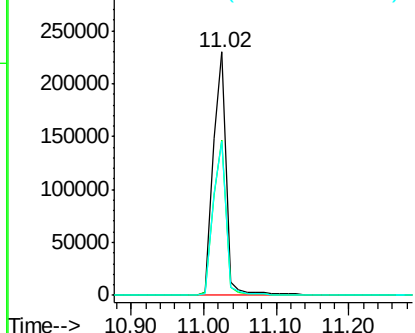
#69
 Pentachlorophenol
 Concen: 78.95 ng
 RT: 11.02 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tgt Ion:266 Resp: 286242
 Ion Ratio Lower Upper
 266 100
 268 63.9 52.4 78.6
 264 63.0 50.2 75.2

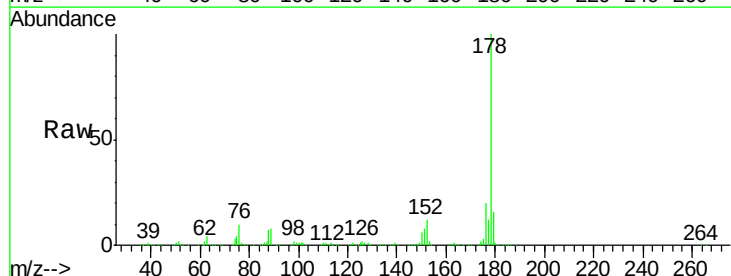


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

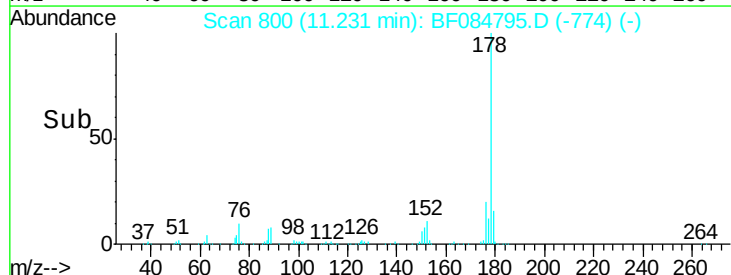
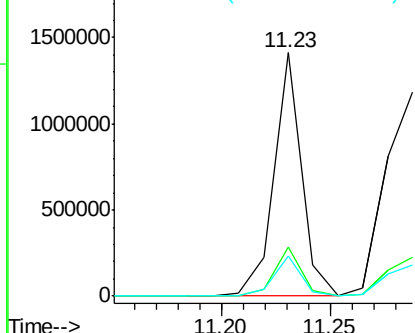


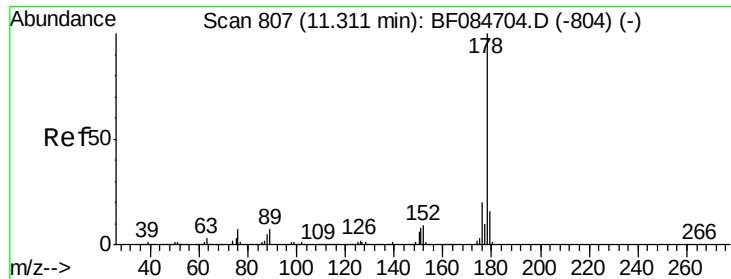
#70
 Phenanthrene
 Concen: 35.44 ng
 RT: 11.23 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:178 Resp: 1260048
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.3 22.9
 179 16.2 12.0 18.0



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

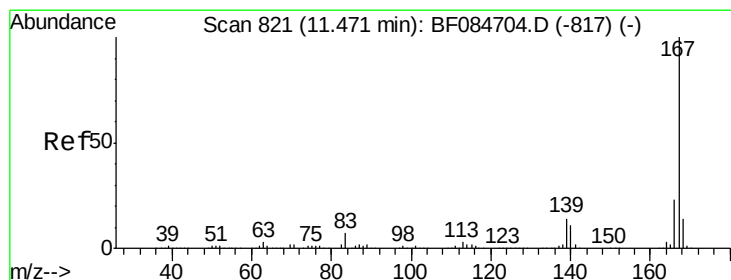
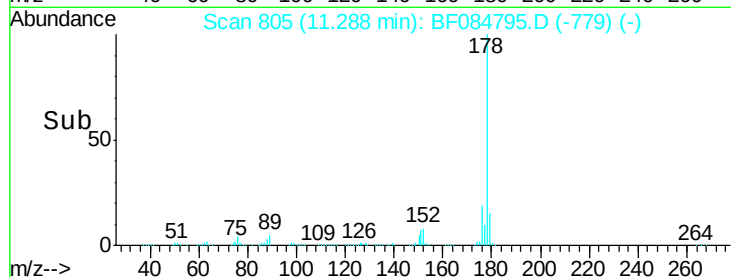
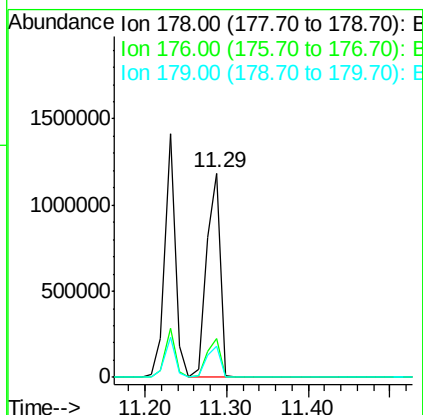
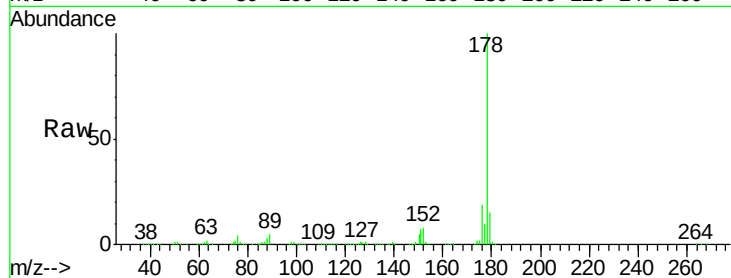




#71
 Anthracene
 Concen: 39.54 ng
 RT: 11.29 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

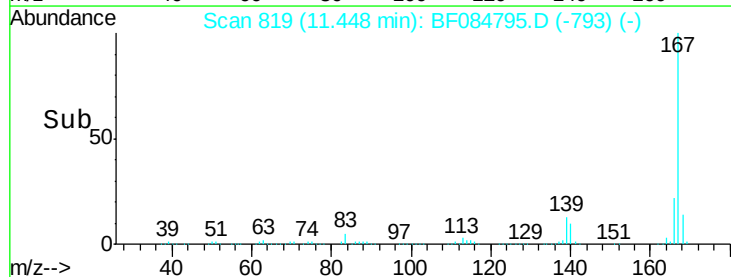
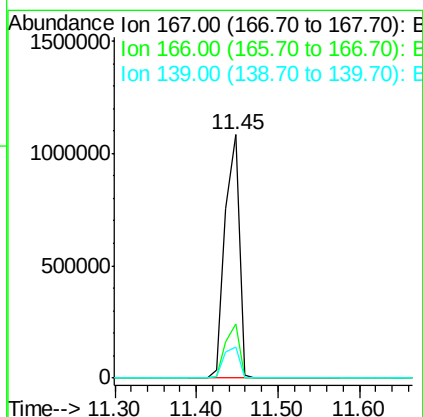
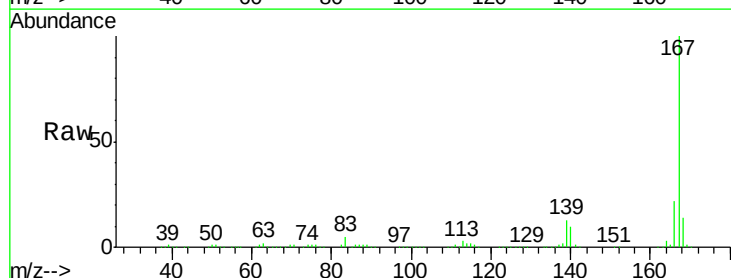
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

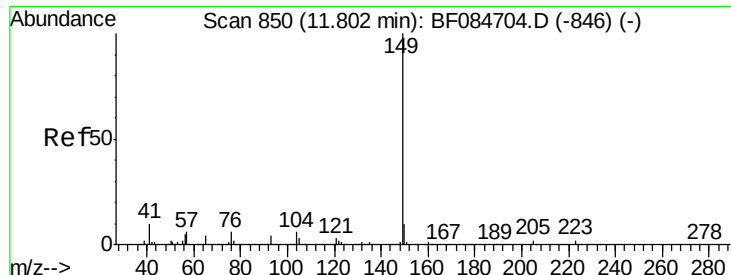
Tgt Ion:178 Resp: 1416536
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.2 12.5 18.7



#72
 Carbazole
 Concen: 41.68 ng
 RT: 11.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:167 Resp: 1302221
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.0 11.8 17.8





#73

Di-n-butylphthalate

Concen: 35.27 ng

RT: 11.78 min Scan# 848

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

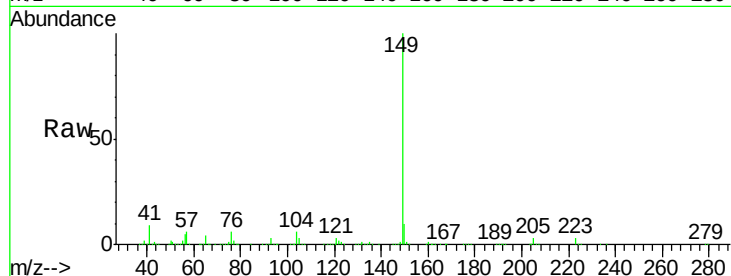
Tgt Ion:149 Resp: 1402637

Ion Ratio Lower Upper

149 100

150 9.9 7.1 10.7

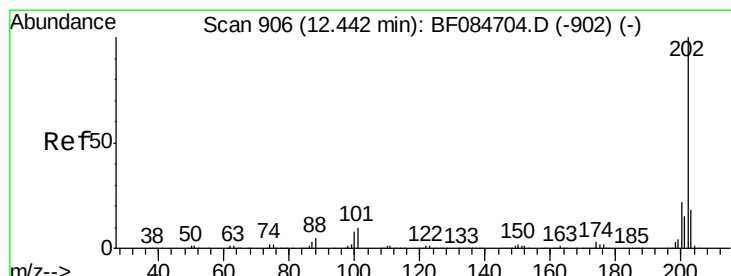
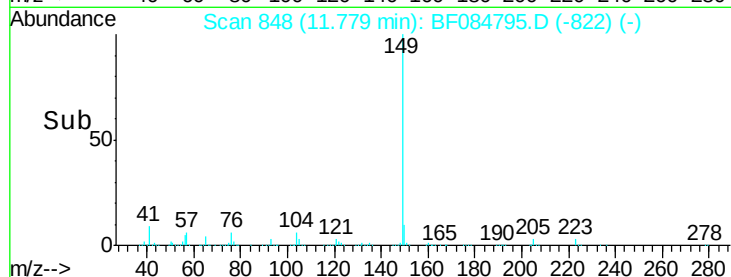
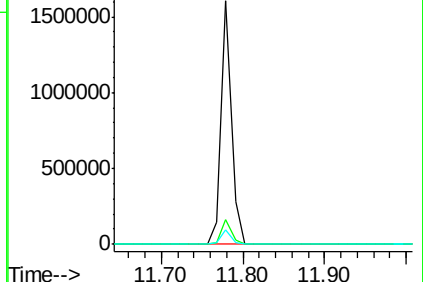
104 5.8 3.2 4.8#



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: 39.80 ng

RT: 12.42 min Scan# 904

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

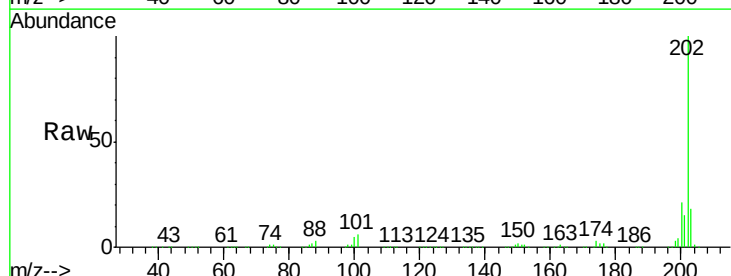
Tgt Ion:202 Resp: 1432326

Ion Ratio Lower Upper

202 100

101 6.3 0.0 32.8

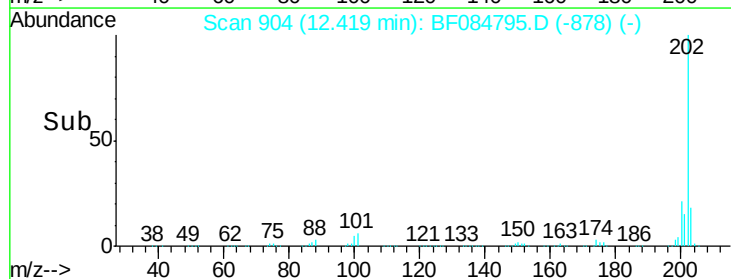
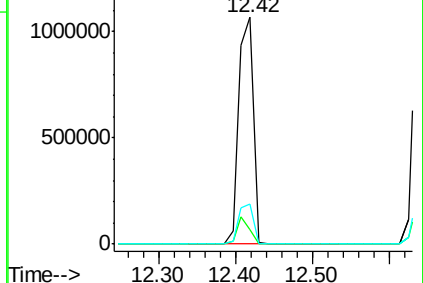
203 17.7 0.0 37.9

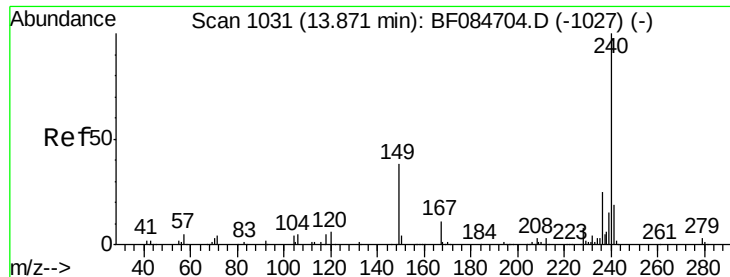


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

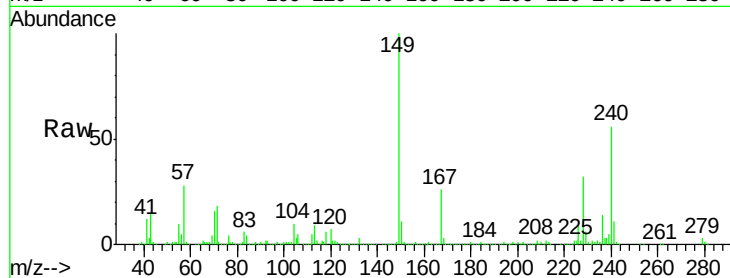
Tgt Ion:240 Resp: 468600

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

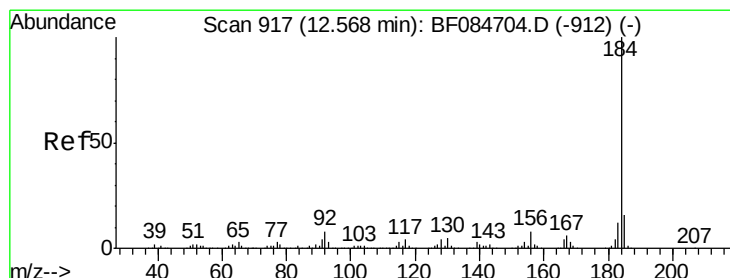
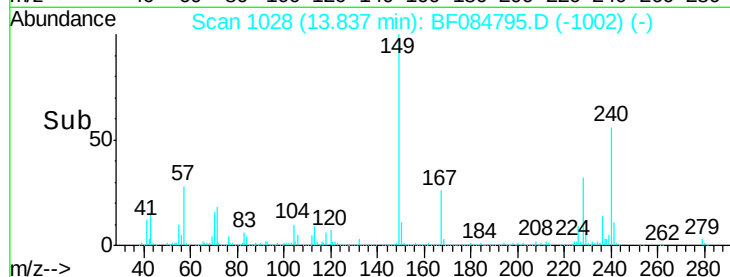
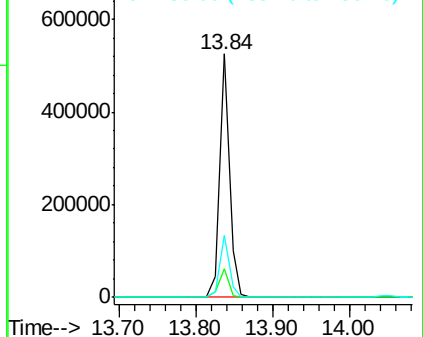
236 25.5 20.6 31.0



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: 28.50 ng

RT: 12.55 min Scan# 915

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

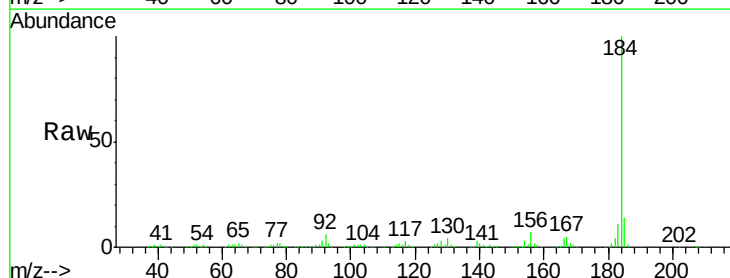
Tgt Ion:184 Resp: 468864

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.2

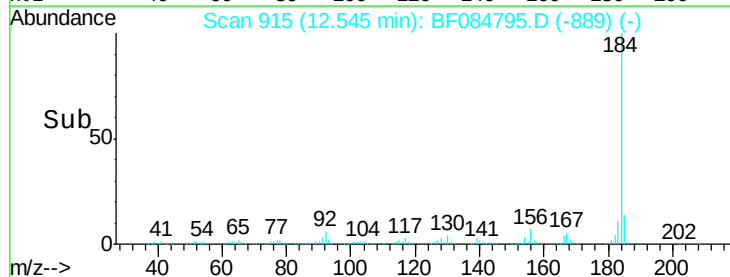
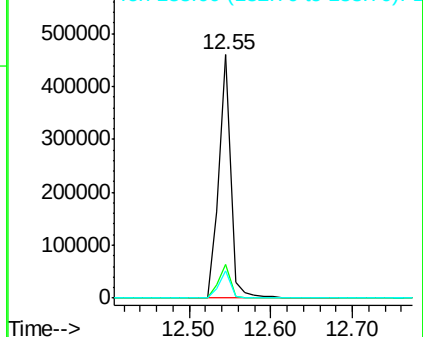
183 11.3 9.8 14.8

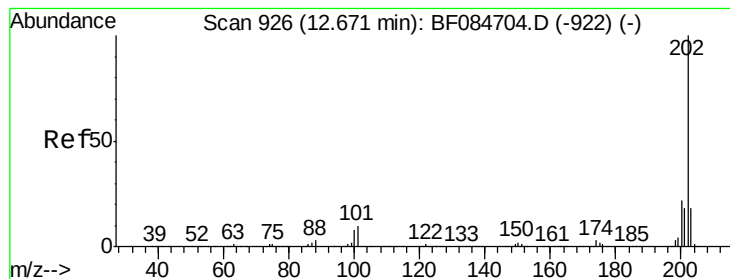


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.83 ng

RT: 12.64 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

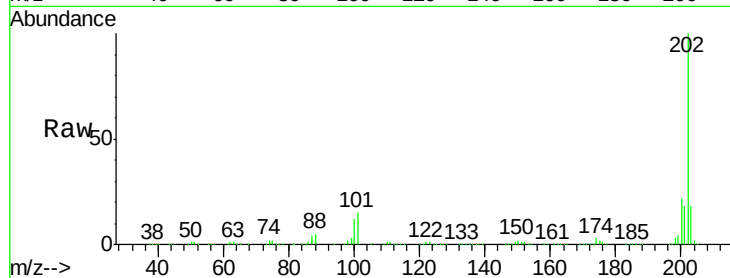
Tgt Ion:202 Resp: 1357151

Ion Ratio Lower Upper

202 100

200 21.6 17.2 25.8

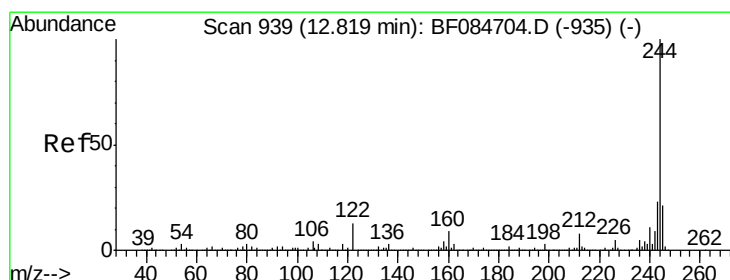
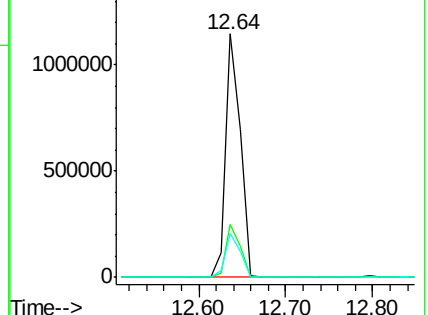
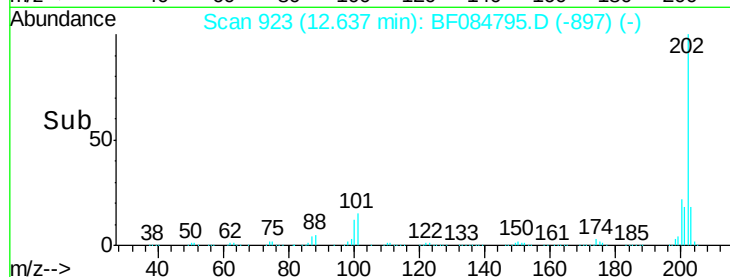
203 18.2 14.3 21.5



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: 83.82 ng

RT: 12.80 min Scan# 937

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

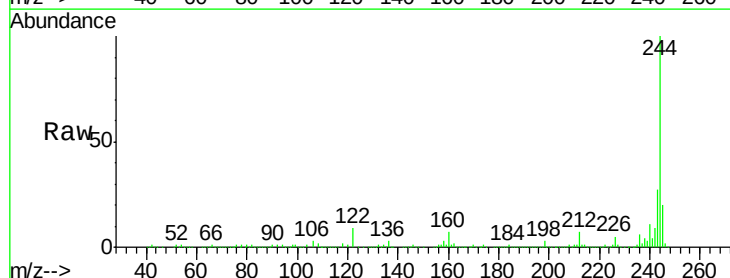
Tgt Ion:244 Resp: 1733274

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

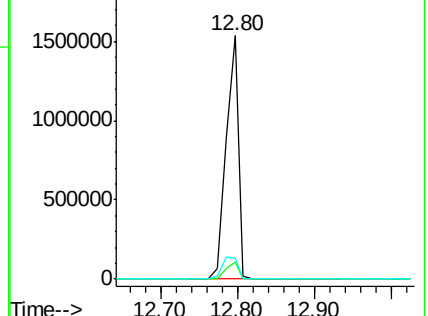
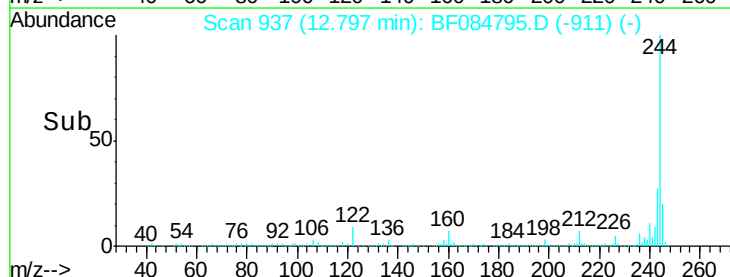
122 8.5 7.4 11.0

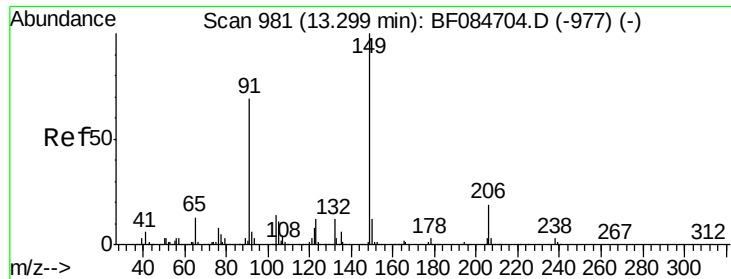


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

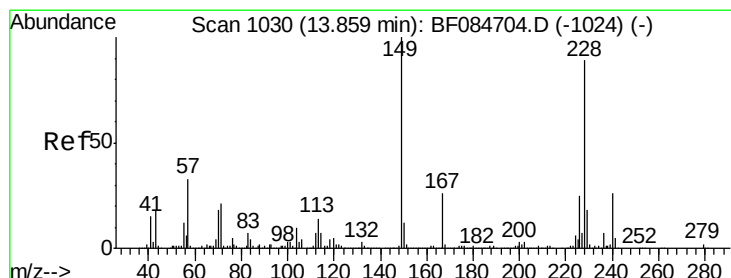
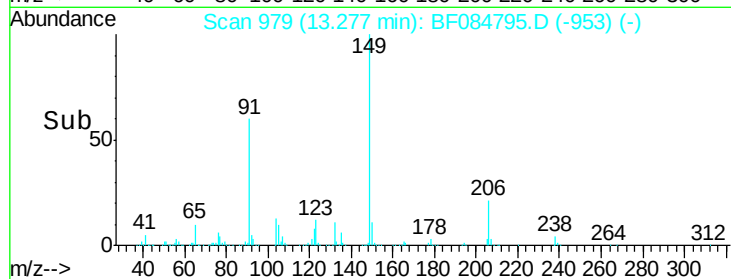
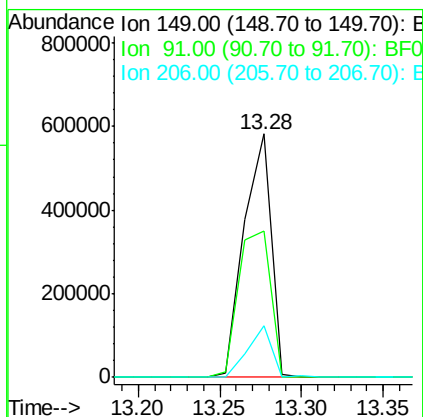
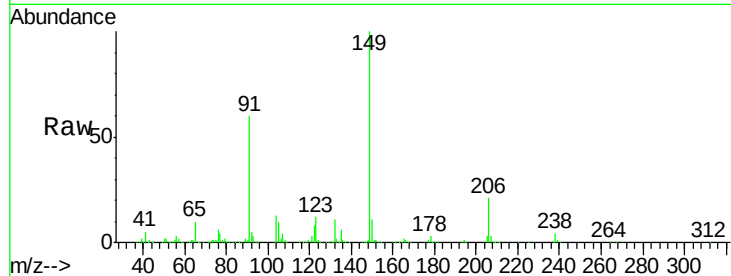




#79
Butylbenzylphthalate
Concen: 41.11 ng
RT: 13.28 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

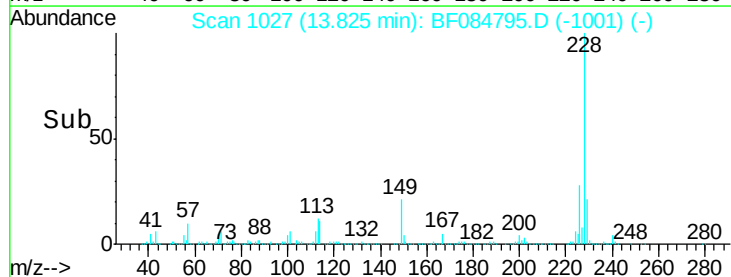
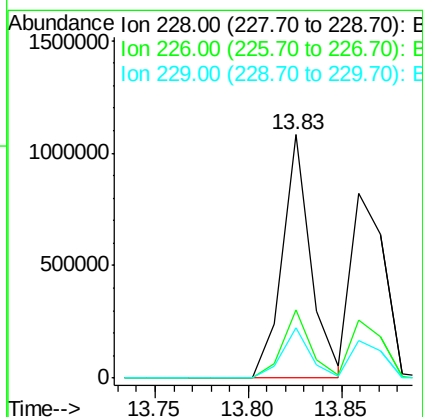
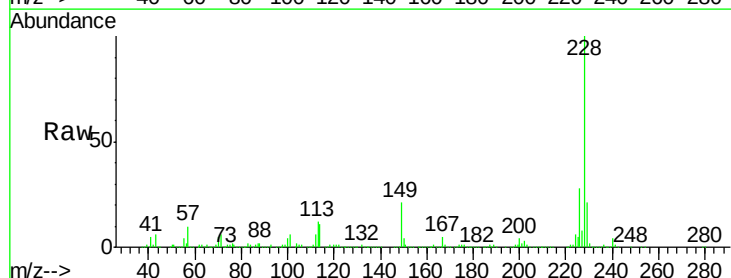
Instrument :
BNA_F
ClientSampleId :
PB88152BS

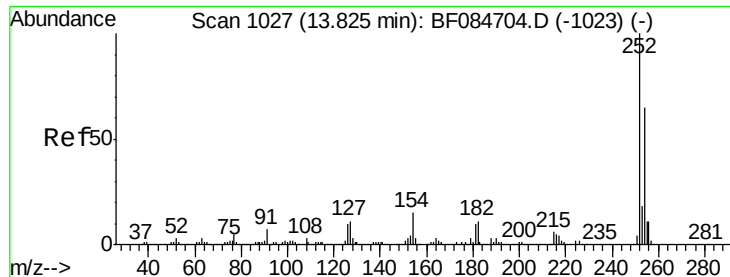
Tgt Ion:149 Resp: 669168
Ion Ratio Lower Upper
149 100
91 59.8 57.6 86.4
206 21.4 13.2 19.8#



#80
Benzo(a)anthracene
Concen: 39.60 ng
RT: 13.83 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:228 Resp: 1151737
Ion Ratio Lower Upper
228 100
226 28.1 21.8 32.6
229 20.7 15.8 23.8

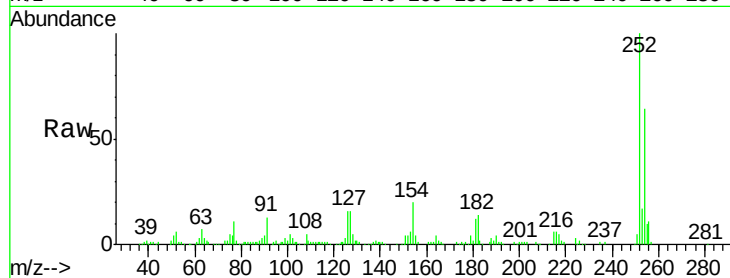




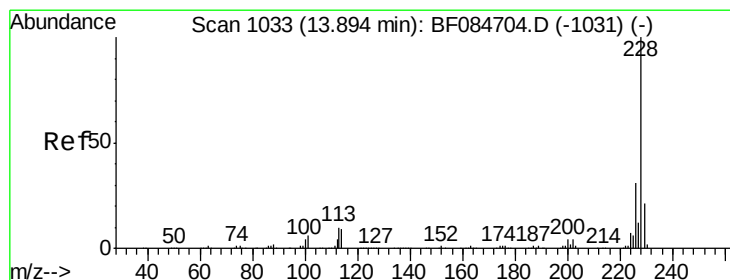
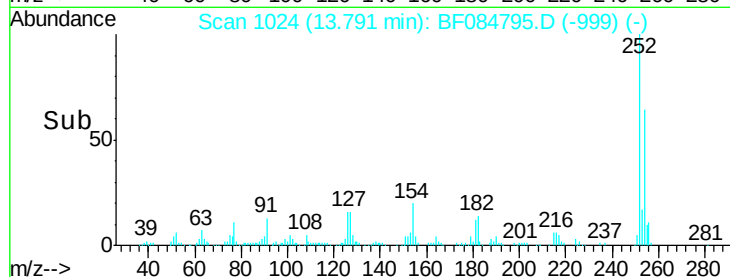
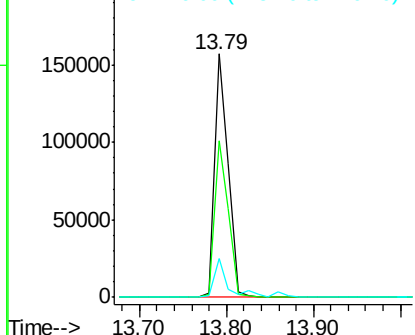
#81
 3,3'-Dichlorobenzidine
 Concen: 16.93 ng
 RT: 13.79 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

Tgt Ion:252 Resp: 174344
 Ion Ratio Lower Upper
 252 100
 254 64.1 53.5 80.3
 126 15.7 4.9 7.3#

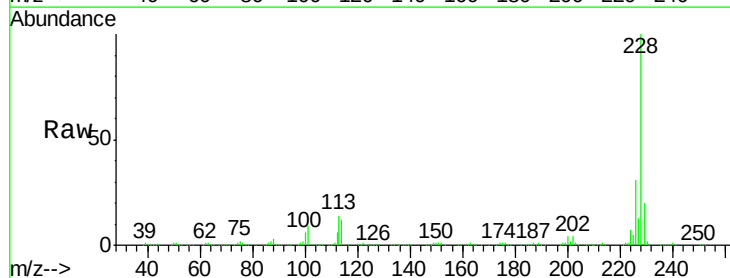


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

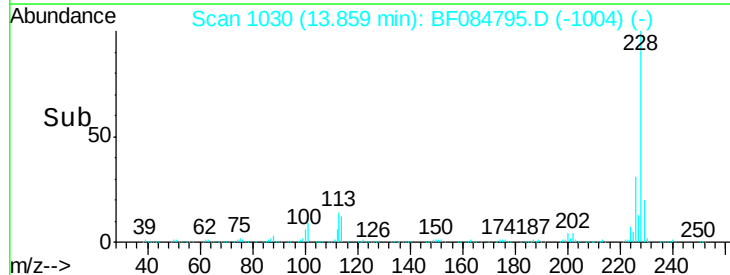
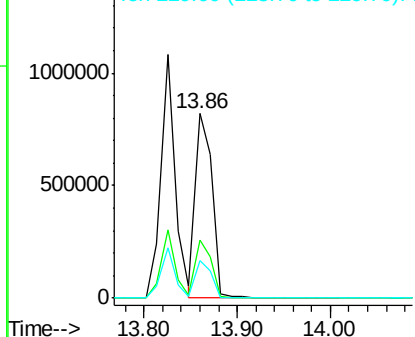


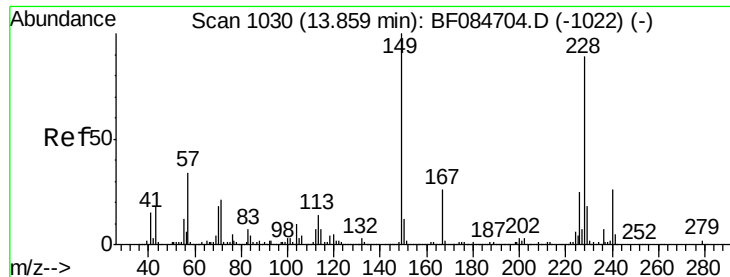
#82
 Chrysene
 Concen: 36.38 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion:228 Resp: 1026065
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.3 36.5
 229 20.5 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.80 ng

RT: 13.84 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

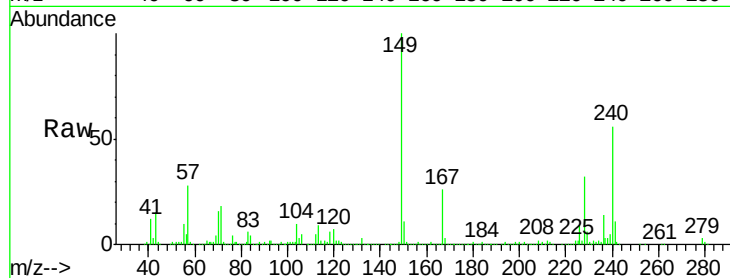
Tgt Ion:149 Resp: 846688

Ion Ratio Lower Upper

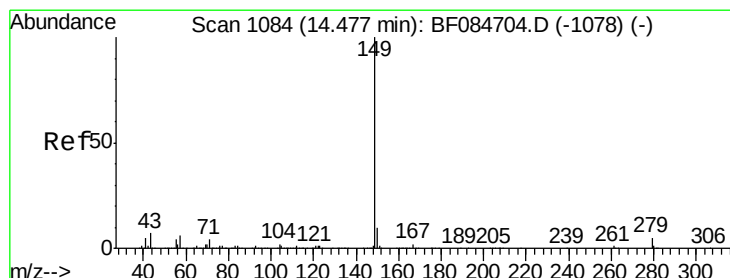
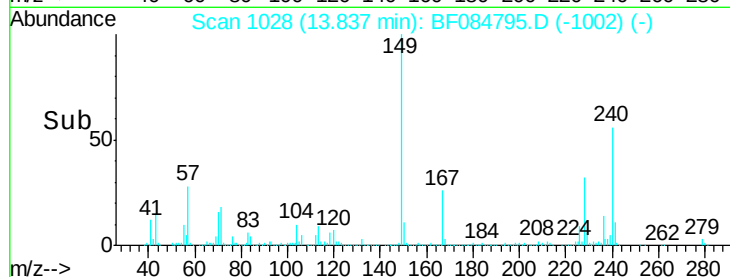
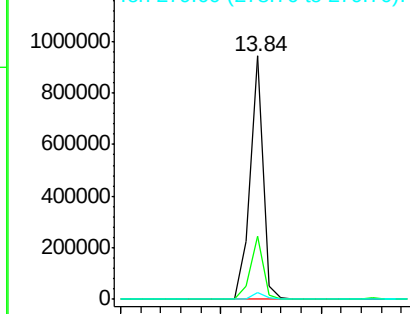
149 100

167 26.1 19.7 29.5

279 3.0 1.8 2.6#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.94 ng

RT: 14.44 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

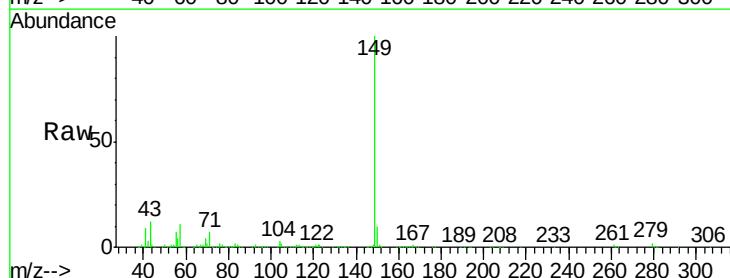
Tgt Ion:149 Resp: 1301222

Ion Ratio Lower Upper

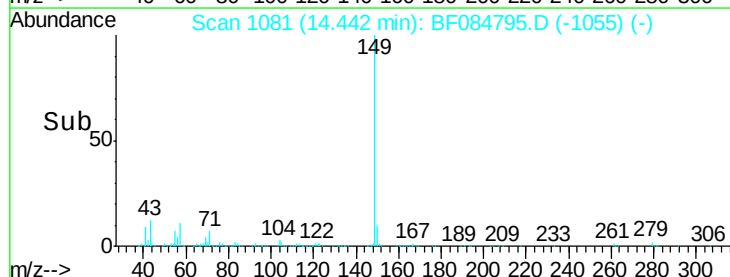
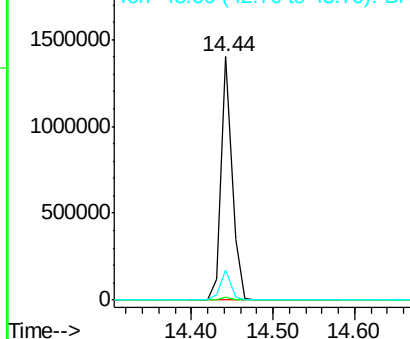
149 100

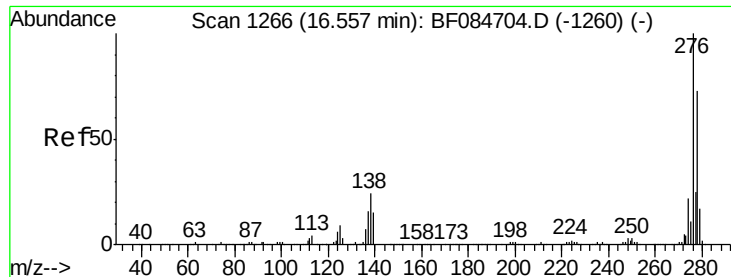
167 1.5 1.2 1.8

43 11.8 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

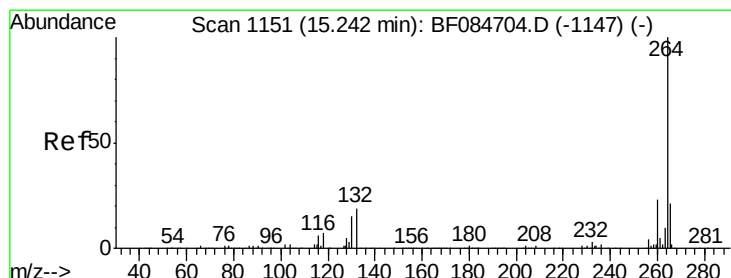
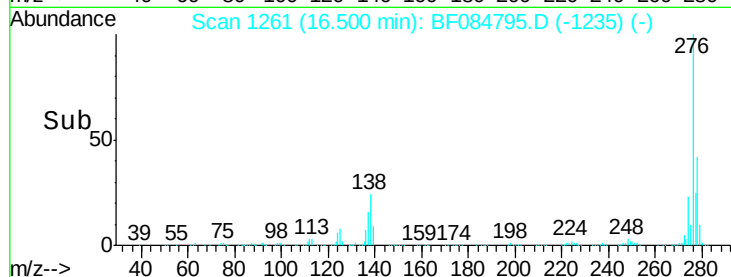
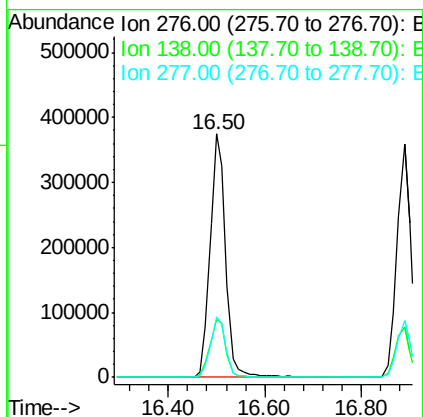
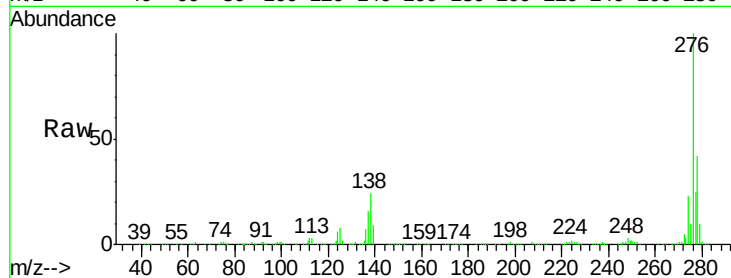




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.48 ng
 RT: 16.50 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

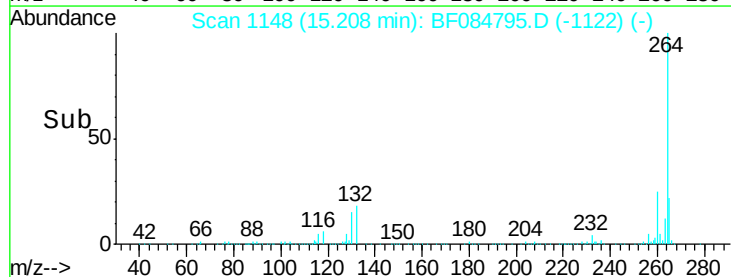
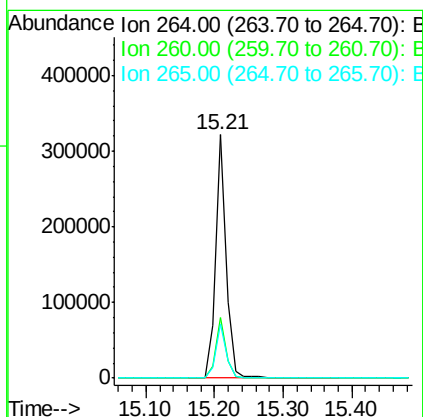
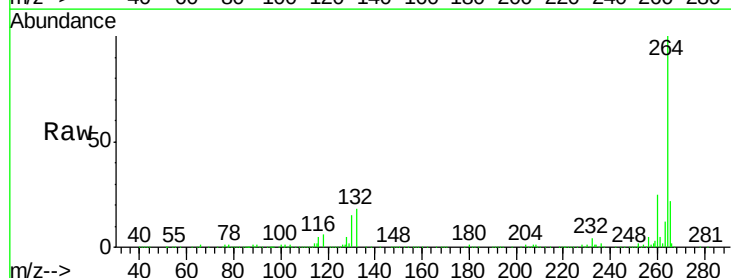
Instrument :
 BNA_F
 ClientSampleId :
 PB88152BS

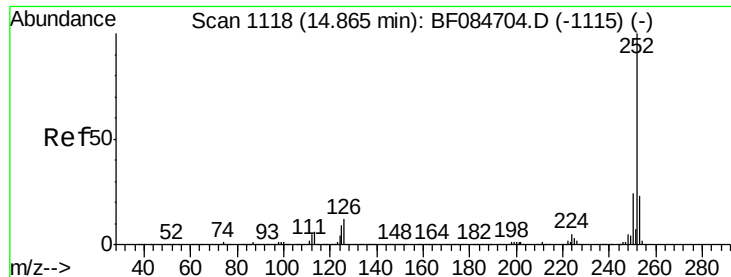
Tgt Ion: 276 Resp: 854121
 Ion Ratio Lower Upper
 276 100
 138 24.7 20.6 30.8
 277 24.7 20.1 30.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1148
 Delta R.T. 0.00 min
 Lab File: BF084795.D
 Acq: 3 Feb 2016 20:10

Tgt Ion: 264 Resp: 351735
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 22.2 17.8 26.6

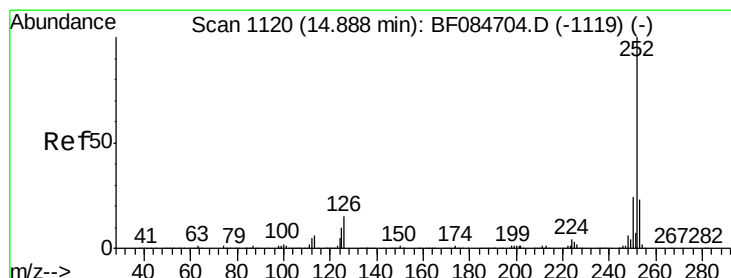
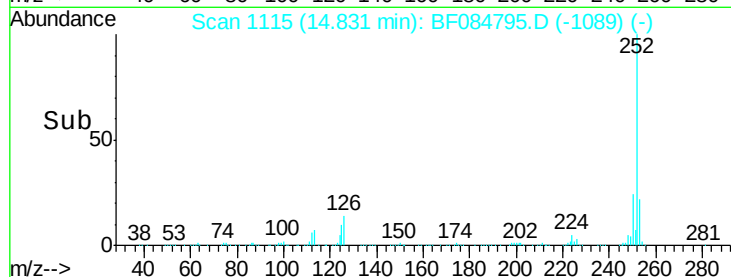
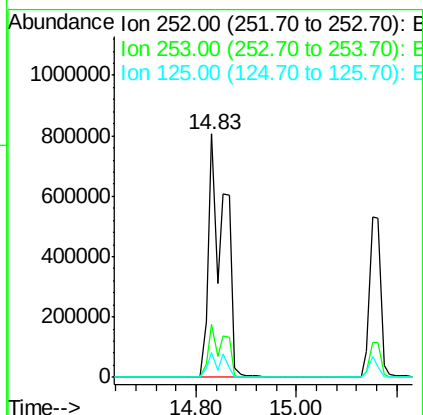
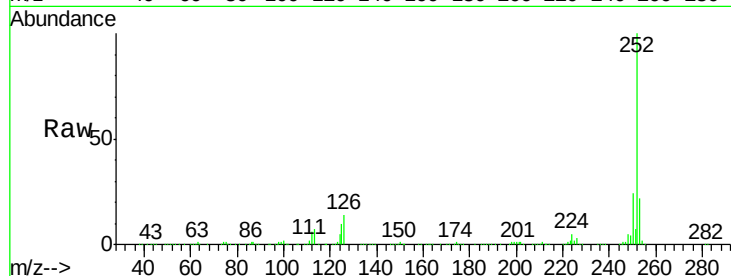




#87
Benzo(b)fluoranthene
Concen: 75.41 ng
RT: 14.83 min Scan# 1115
Delta R.T. 0.00 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

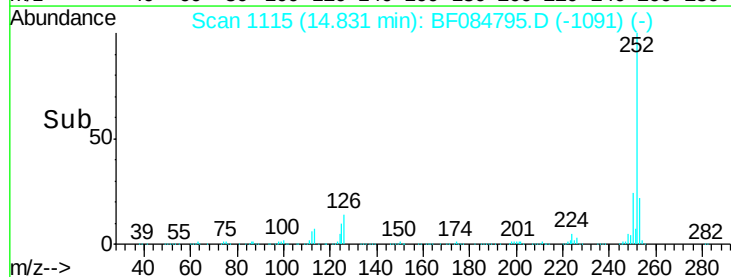
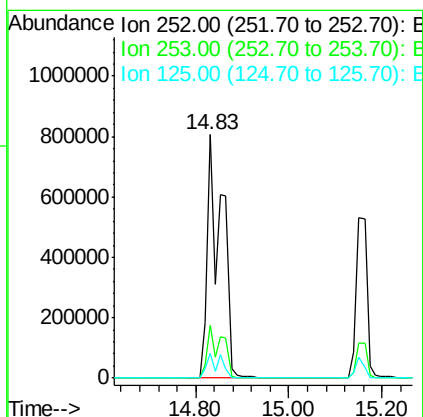
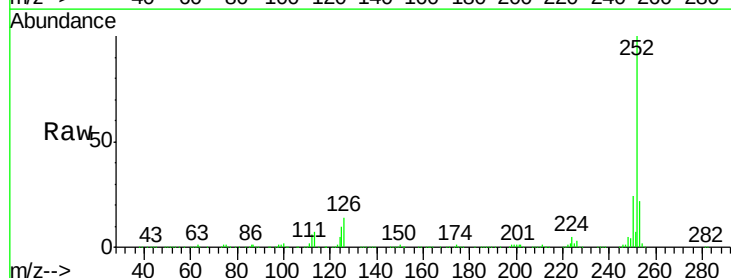
Instrument :
BNA_F
ClientSampleId :
PB88152BS

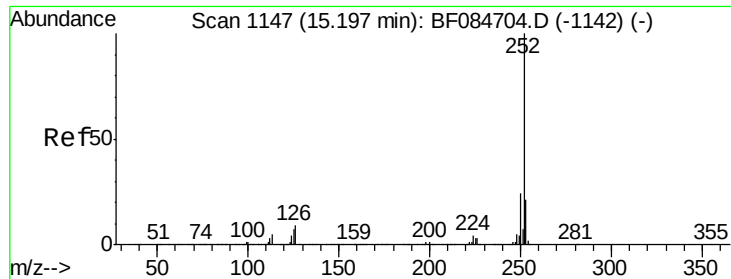
Tgt Ion:252 Resp: 1782157
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.0 6.5 9.7#



#88
Benzo(k)fluoranthene
Concen: 91.25 ng
RT: 14.83 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF084795.D
Acq: 3 Feb 2016 20:10

Tgt Ion:252 Resp: 1783018
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 10.0 9.0 13.6





#89

Benzo(a)pyrene

Concen: 41.41 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS

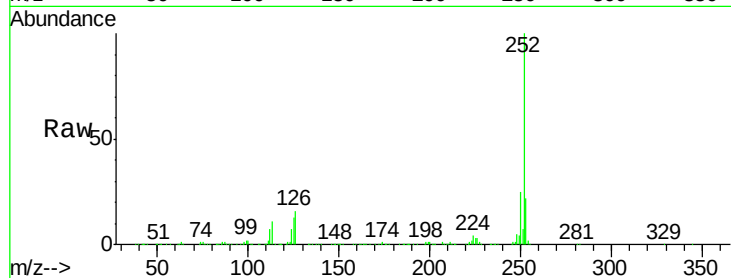
Tgt Ion:252 Resp: 833796

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

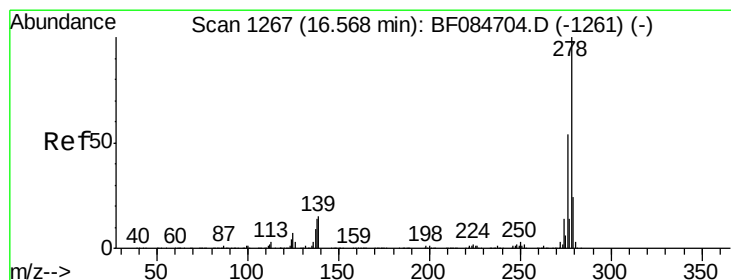
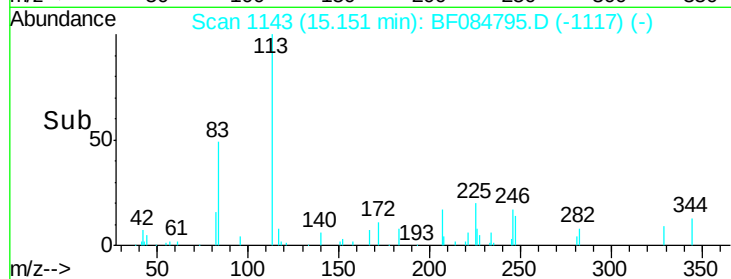
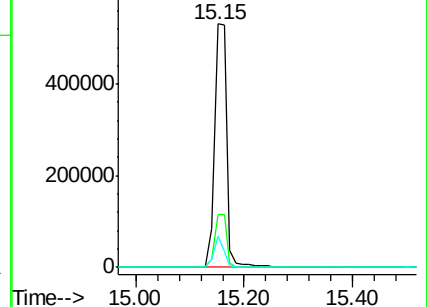
125 12.7 7.0 10.4#



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: 41.60 ng

RT: 16.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF084795.D

Acq: 3 Feb 2016 20:10

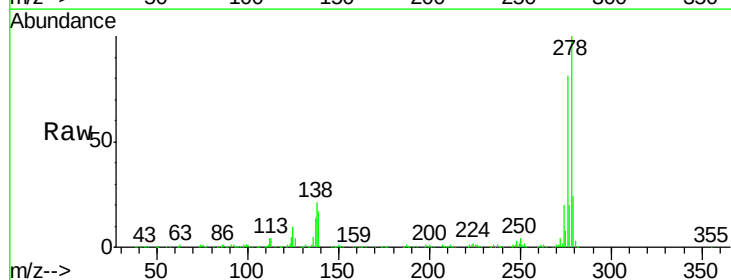
Tgt Ion:278 Resp: 705111

Ion Ratio Lower Upper

278 100

139 17.3 15.0 22.4

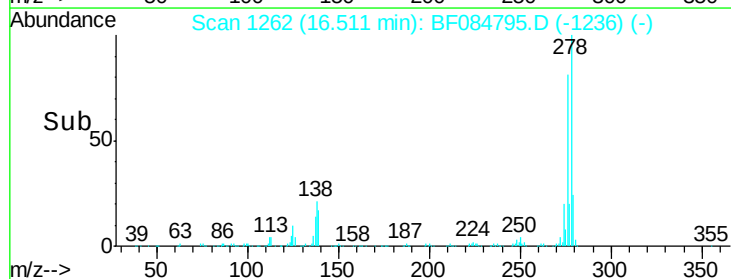
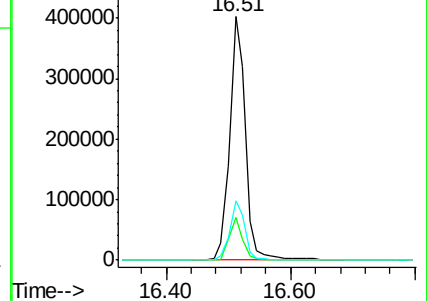
279 24.1 18.9 28.3

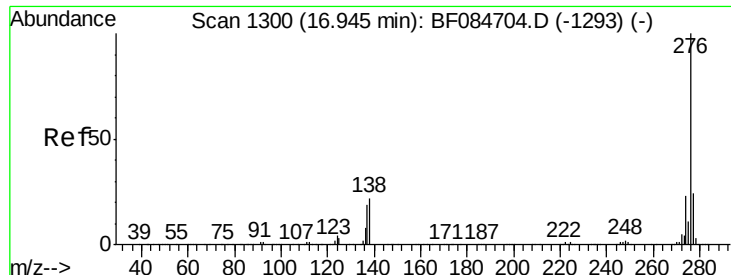


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.68 ng

RT: 16.89 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF084795.D

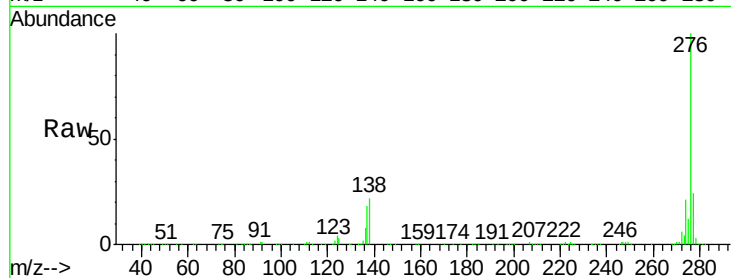
Acq: 3 Feb 2016 20:10

Instrument :

BNA_F

ClientSampleId :

PB88152BS



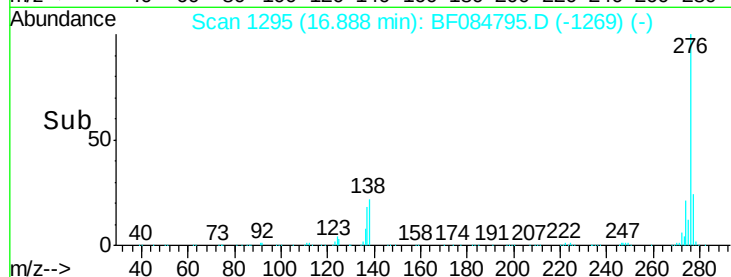
Tgt Ion: 276 Resp: 728707

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.6 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

