

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090789.D
 Acq On : 24 Oct 2016 15:38
 Operator : UM/SJ
 Sample : PB94262BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Quant Time: Oct 24 17:03:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 21 17:36:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	229050	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	964850	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	513774	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	858429	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	704341	20.00	ng	-0.01
86) Perylene-d12	15.42	264	455808	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1536786	108.21	ng	-0.01
7) Phenol-d6	6.49	99	2067258	107.46	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1253704	71.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.67	330	552454	135.85	ng	-0.02
44) 2-Fluorobiphenyl	9.21	172	2431921	73.48	ng	-0.02
78) Terphenyl-d14	12.96	244	2455848	79.91	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.53	88	228587	27.82	ng	# 75
3) Pyridine	3.24	79	600982	31.21	ng	# 72
4) n-Nitrosodimethylamine	3.19	42	219715	33.35	ng	# 65
6) Aniline	6.50	93	510672	23.41	ng	# 1
8) 2-Chlorophenol	6.62	128	659552	38.69	ng	# 95
9) Benzaldehyde	6.38	77	183623	17.46	ng	# 83
10) Phenol	6.50	94	790443	36.55	ng	# 61
11) bis(2-Chloroethyl)ether	6.58	93	714408	39.32	ng	# 89
12) 1,3-Dichlorobenzene	6.77	146	657804	38.41	ng	# 92
13) 1,4-Dichlorobenzene	6.85	146	704961	38.81	ng	# 92
14) 1,2-Dichlorobenzene	6.85	146	712644	40.07	ng	# 94
15) Benzyl Alcohol	6.98	79	468451	35.85	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	7.11	45	765257	28.12	ng	# 66
17) 2-Methylphenol	7.10	107	538111	41.89	ng	# 84
18) Hexachloroethane	7.34	117	253484	34.38	ng	# 91
19) n-Nitroso-di-n-propylamine	7.25	70	462789	32.30	ng	# 71
20) 3+4-Methylphenols	7.25	107	603276	39.62	ng	# 63
22) Acetophenone	7.25	105	845698	39.33	ng	# 84
24) Nitrobenzene	7.42	77	702710	36.85	ng	# 73
25) Isophorone	7.66	82	1294971	38.89	ng	# 90
26) 2-Nitrophenol	7.74	139	353173	45.33	ng	# 85
27) 2,4-Dimethylphenol	7.78	122	571617	41.38	ng	# 80
28) bis(2-Chloroethoxy)methane	7.88	93	817426	44.87	ng	# 95
29) 2,4-Dichlorophenol	7.98	162	530905	46.83	ng	# 94
30) 1,2,4-Trichlorobenzene	8.06	180	571016	42.80	ng	# 97
31) Naphthalene	8.14	128	1871797	39.66	ng	# 97
32) Benzoic acid	7.93	122	345058	37.41	ng	# 67
33) 4-Chloroaniline	8.20	127	292247	16.70	ng	# 94
34) Hexachlorobutadiene	8.27	225	311409	41.51	ng	# 99
35) Caprolactam	8.57	113	98515	30.42	ng	# 91
36) 4-Chloro-3-methylphenol	8.69	107	574399	43.56	ng	# 95
37) 2-Methylnaphthalene	8.84	142	1242292	45.04	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	529942	38.20	ng	# 99
40) Hexachlorocyclopentadiene	8.99	237	586100	89.99	ng	# 96

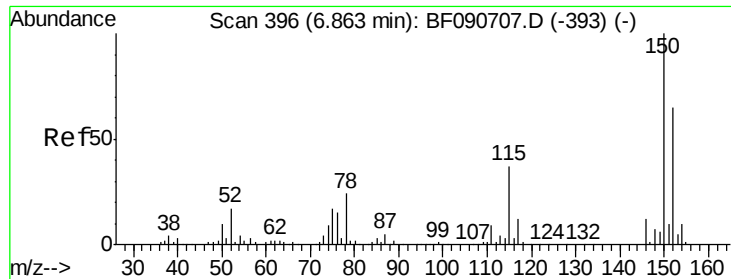
Data Path : Z:\HPCHEM1\BNA F\DATA\BF102416\
 Data File : BF090789.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	360783	41.94	nq	100
43) 2,4,5-Trichlorophenol	9.16	196	386281	44.24	nq	# 95
45) 1,1'-Biphenyl	9.30	154	1397950	34.65	nq	91
46) 2-Chloronaphthalene	9.33	162	1155125	38.52	nq	98
47) 2-Nitroaniline	9.42	65	362908	36.46	nq	# 75
48) Acenaphthylene	9.74	152	1841514	40.24	nq	95
49) Dimethylphthalate	9.61	163	1233522	38.21	nq	# 97
50) 2,6-Dinitrotoluene	9.66	165	283372	40.82	nq	# 53
51) Acenaphthene	9.91	154	1158697	38.14	nq	89
52) 3-Nitroaniline	9.83	138	181714	22.77	nq	# 57
53) 2,4-Dinitrophenol	9.95	184	354239	85.83	nq	# 87
54) Dibenzofuran	10.09	168	1615466	43.90	nq	# 86
55) 4-Nitrophenol	10.02	139	463748	93.51	nq	# 87
56) 2,4-Dinitrotoluene	10.07	165	439357	51.78	nq	# 90
57) Fluorene	10.43	166	1282116	42.04	nq	92
58) 2,3,4,6-Tetrachlorophenol	10.21	232	319802	46.68	nq	98
59) Diethylphthalate	10.30	149	1320981	39.45	nq	97
60) 4-Chlorophenyl-phenylether	10.42	204	581169	41.70	nq	# 84
61) 4-Nitroaniline	10.46	138	318451	39.40	nq	# 63
62) Azobenzene	10.58	77	1409995	35.96	nq	85
64) 4,6-Dinitro-2-methylphenol	10.49	198	224923	41.65	nq	# 64
65) n-Nitrosodiphenylamine	10.54	169	1113665	40.49	nq	90
66) 4-Bromophenyl-phenylether	10.91	248	371563	44.65	nq	97
67) Hexachlorobenzene	10.98	284	452027	46.03	nq	# 83
68) Atrazine	11.07	200	310734	40.94	nq	85
69) Pentachlorophenol	11.17	266	467548	76.66	nq	97
70) Phenanthrene	11.45	178	1869794	42.73	nq	97
71) Anthracene	11.45	178	1886803	38.88	nq	98
72) Carbazole	11.60	167	1612425	39.74	nq	# 93
73) Di-n-butylphthalate	11.93	149	1895943	36.03	nq	# 97
74) Fluoranthene	12.58	202	1955934	46.21	nq	90
76) Benzidine	12.70	184	385922	24.68	nq	98
77) Pyrene	12.58	202	1930811	39.25	nq	95
79) Butylbenzylphthalate	13.42	149	835848	36.96	nq	# 86
80) Benzo(a)anthracene	14.00	228	1525307	39.57	nq	95
81) 3,3'-Dichlorobenzidine	13.96	252	326691	24.46	nq	# 93
82) Chrysene	14.00	228	1525307	40.55	nq	96
83) Bis(2-ethylhexyl)phthalate	13.98	149	1094982	33.85	nq	# 92
84) Di-n-octyl phthalate	14.60	149	1790785	36.47	nq	# 89
85) Indeno(1,2,3-cd)pyrene	16.83	276	1078310	32.86	nq	# 94
87) Benzo(b)fluoranthene	15.02	252	1248880	44.56	nq	# 89
88) Benzo(k)fluoranthene	15.02	252	1248880	44.34	nq	# 90
89) Benzo(a)pyrene	15.38	252	1121116	42.64	nq	# 85
90) Dibenzo(a,h)anthracene	16.84	278	925639	36.66	nq	# 85
91) Benzo(g,h,i)perylene	17.25	276	891168	36.39	nq	# 80

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

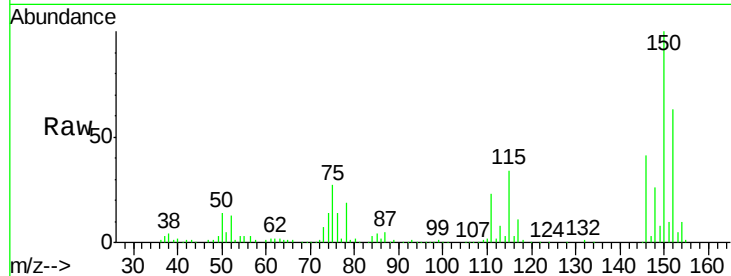


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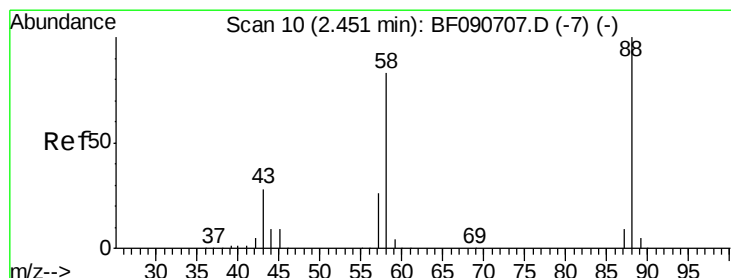
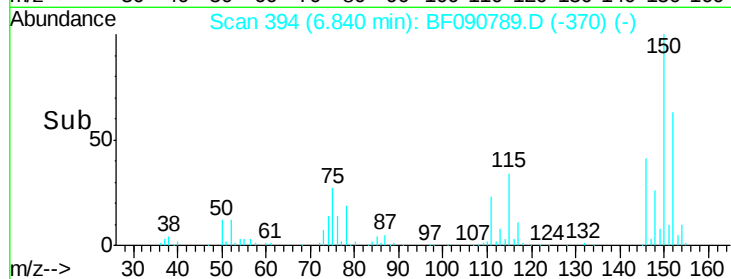
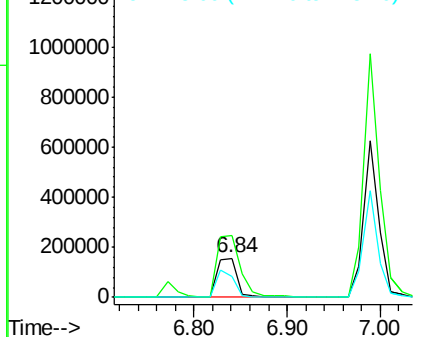
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 394
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:152 Resp: 229050
Ion Ratio Lower Upper
152 100
150 159.8 124.7 187.1
115 53.8 39.0 58.4



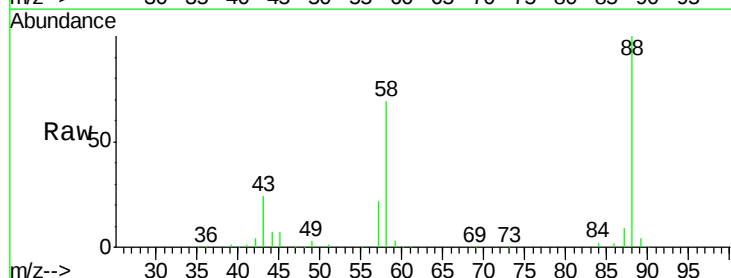
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



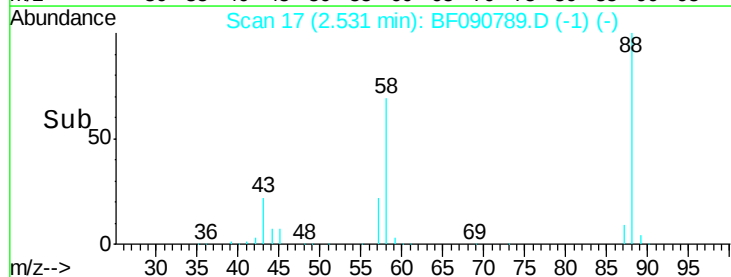
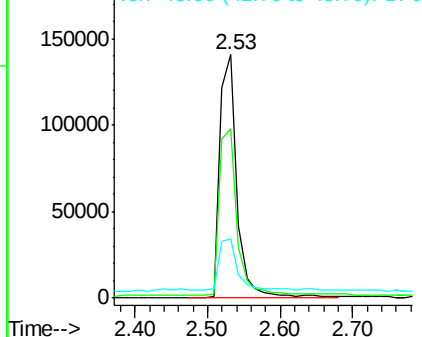
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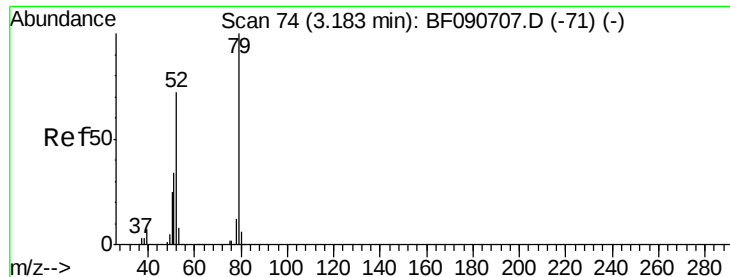
1,4-Dioxane
Concen: 27.82 ng
RT: 2.53 min Scan# 17
Delta R.T. 0.05 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion: 88 Resp: 228587
Ion Ratio Lower Upper
88 100
58 69.9 77.7 116.5#
43 22.6 26.6 40.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 31.21 ng

RT: 3.24 min Scan# 79

Delta R.T. 0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

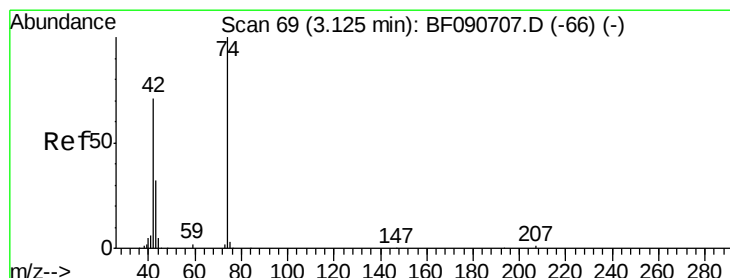
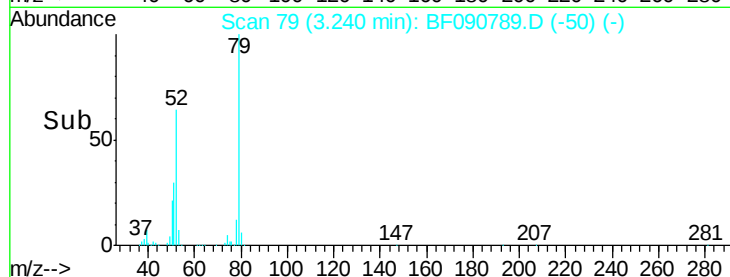
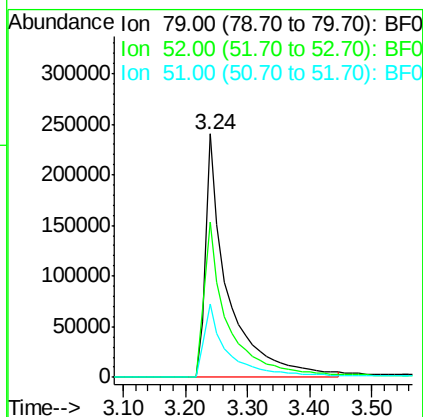
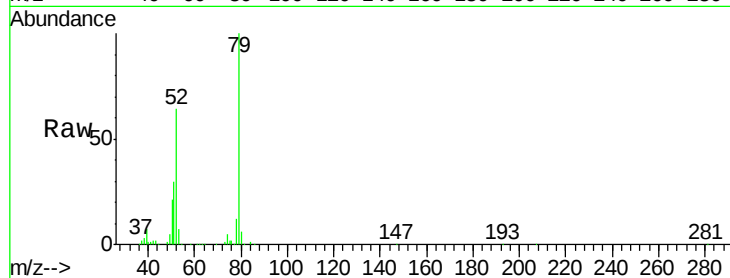
Tot Ion: 79 Resp: 600982

Ion Ratio Lower Upper

79 100

52 64.0 76.8 115.2#

51 30.0 32.2 48.4#



#4

n-Nitrosodimethylamine

Concen: 33.35 ng

RT: 3.19 min Scan# 75

Delta R.T. 0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

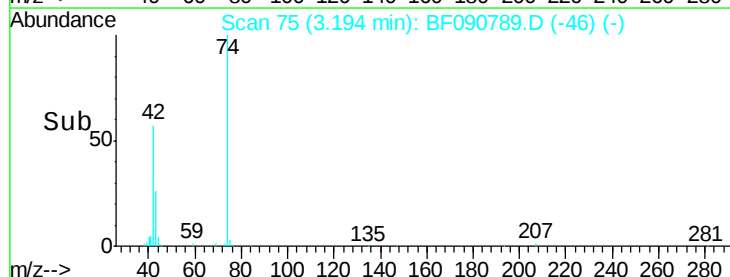
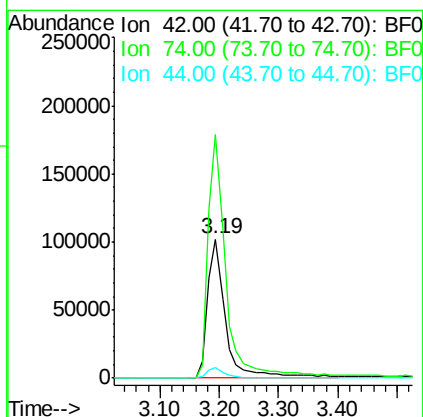
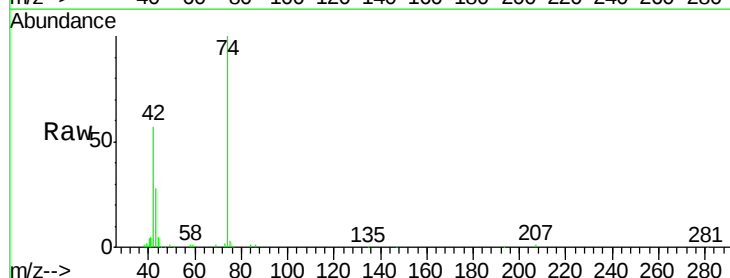
Tgt Ion: 42 Resp: 219715

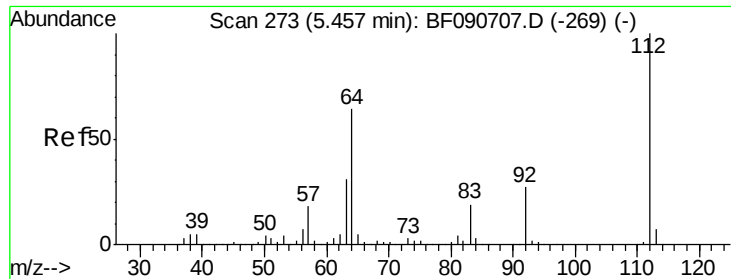
Ion Ratio Lower Upper

42 100

74 175.0 105.0 157.6#

44 7.9 6.6 10.0





#5

2-Fluorophenol

Concen: 108.21 ng

RT: 5.45 min Scan# 272

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

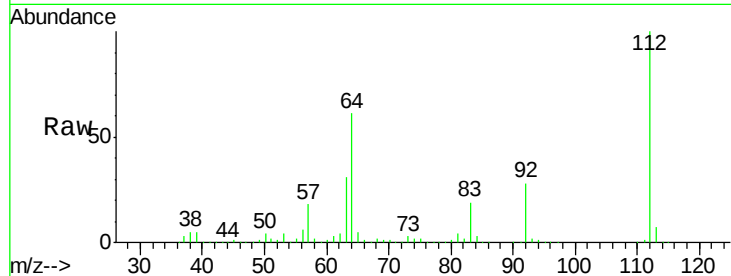
Tot Ion:112 Resp: 1536786

Ion Ratio Lower Upper

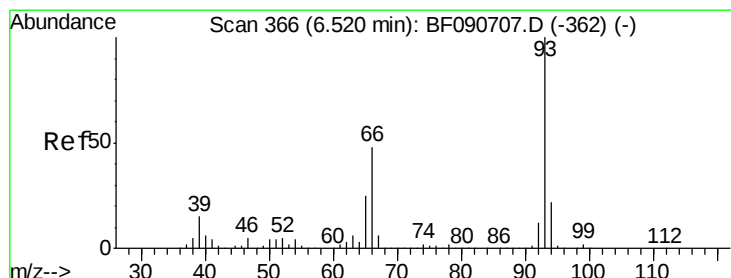
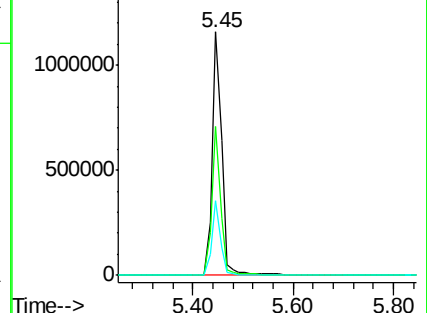
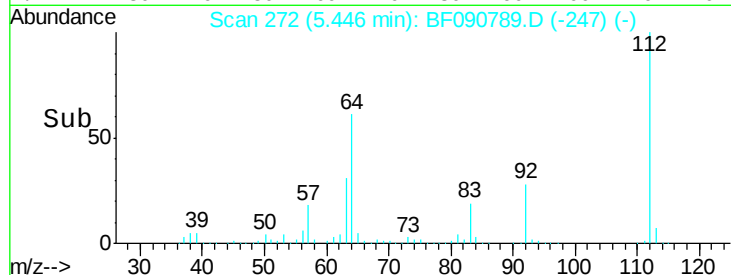
112 100

64 61.4 39.7 59.5#

63 30.5 17.4 26.0#



Abundance Ion 112.00 (111.70 to 112.70): BF090789.D (-247) (-)



#6

Aniline

Concen: 23.41 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

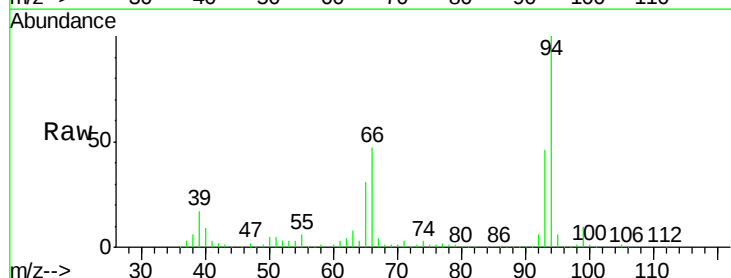
Tgt Ion: 93 Resp: 510672

Ion Ratio Lower Upper

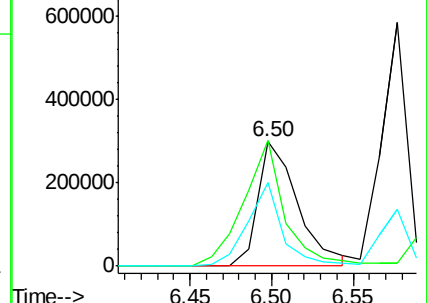
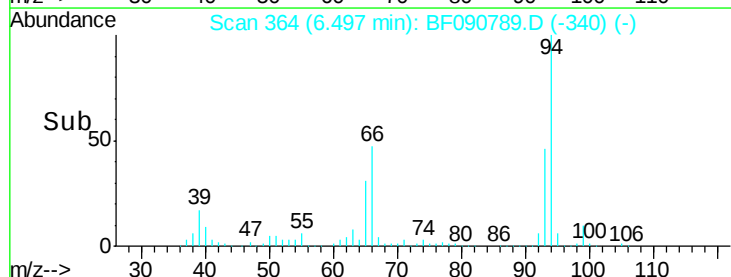
93 100

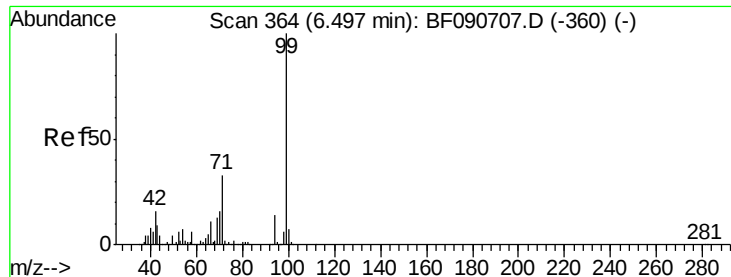
66 101.5 27.2 40.8#

65 67.3 14.7 22.1#



Abundance Ion 93.00 (92.70 to 93.70): BF090789.D (-340) (-)





#7

Phenol-d6

Concen: 107.46 ng

RT: 6.49 min Scan# 363

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

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ClientSampleId :

PB94262BS

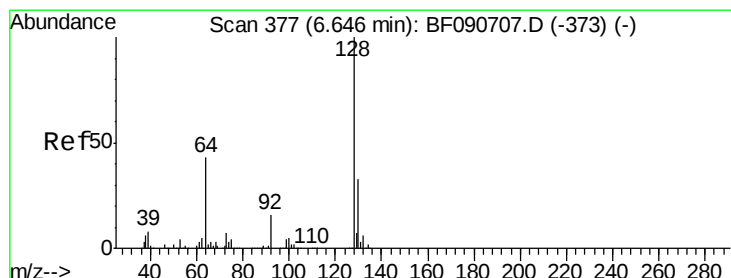
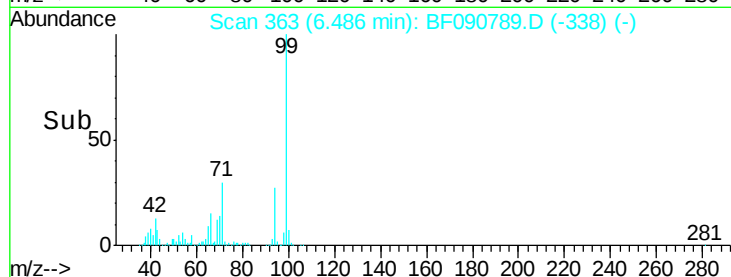
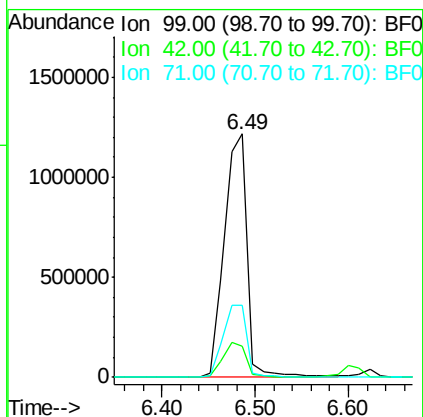
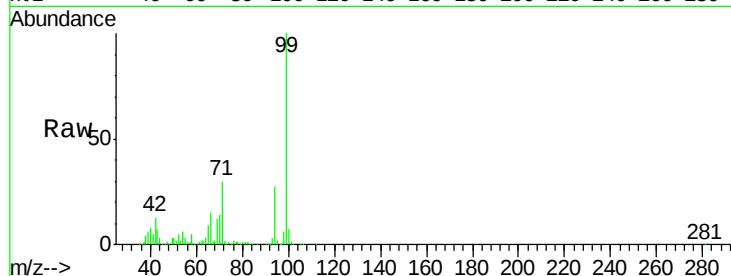
Tot Ion: 99 Resp: 2067258

Ion Ratio Lower Upper

99 100

42 12.7 13.7 20.5#

71 29.9 14.2 21.2#



#8

2-Chlorophenol

Concen: 38.69 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

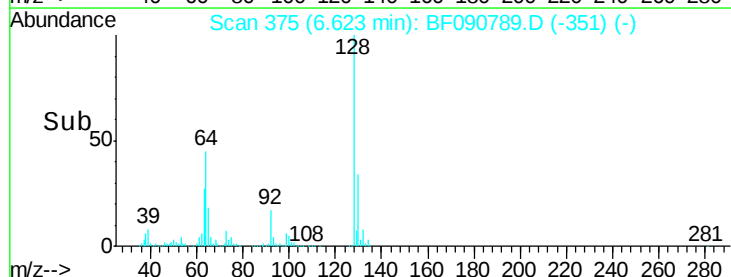
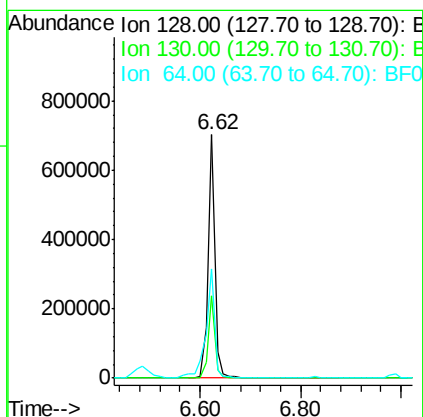
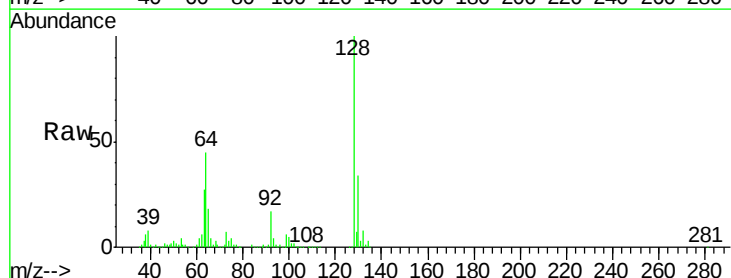
Tgt Ion: 128 Resp: 659552

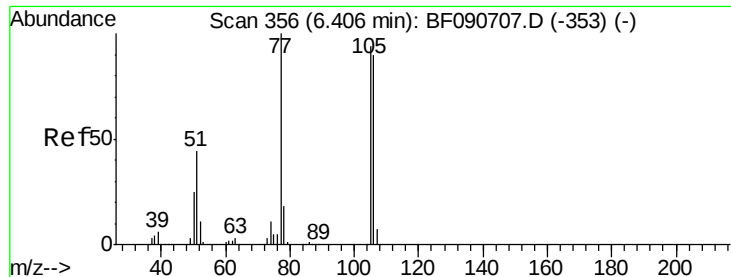
Ion Ratio Lower Upper

128 100

130 34.0 12.2 52.2

64 45.0 20.5 60.5





#9

Benzaldehyde

Concen: 17.46 ng

RT: 6.38 min Scan# 354

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

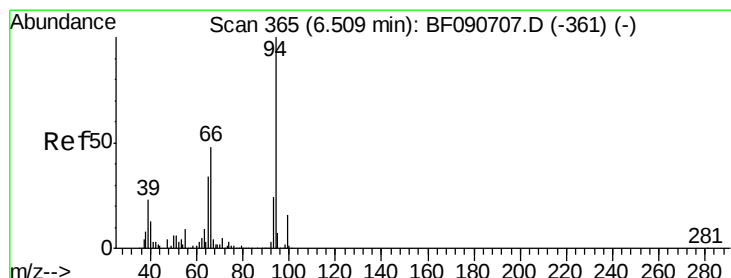
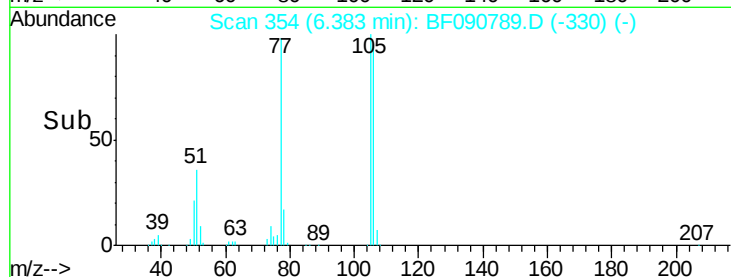
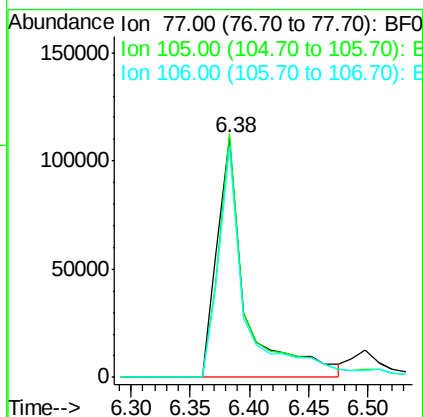
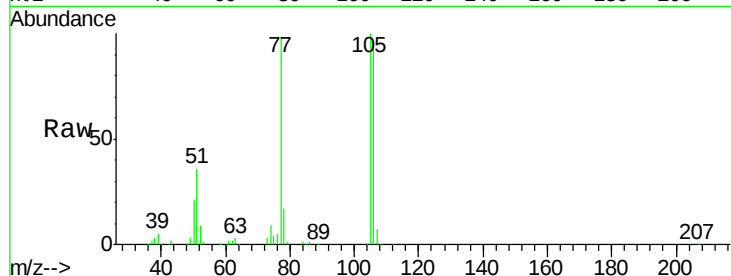
Tot Ion: 77 Resp: 183623

Ion Ratio Lower Upper

77 100

105 101.7 91.6 131.6

106 96.6 102.6 142.6#



#10

Phenol

Concen: 36.55 ng

RT: 6.50 min Scan# 364

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

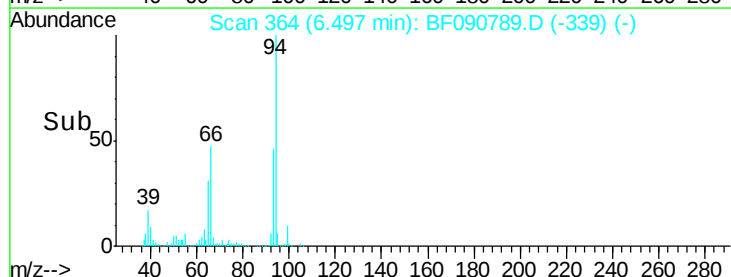
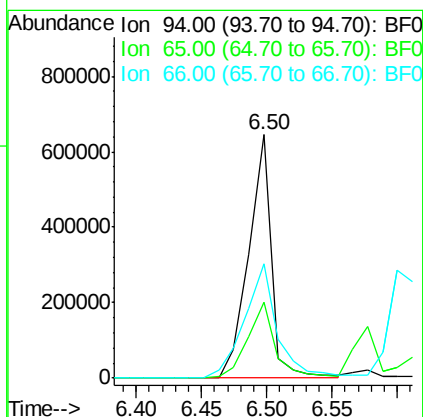
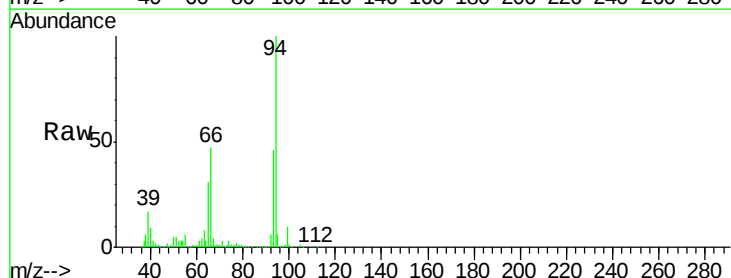
Tgt Ion: 94 Resp: 790443

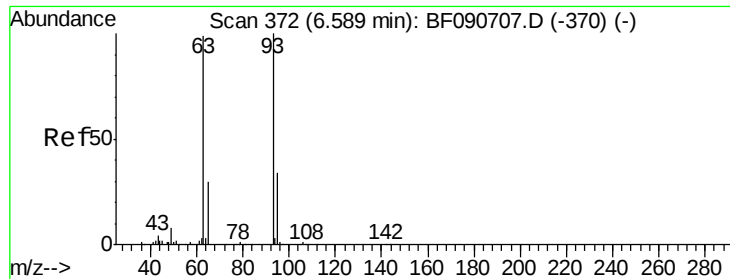
Ion Ratio Lower Upper

94 100

65 31.1 0.7 40.7

66 46.9 0.8 40.8#

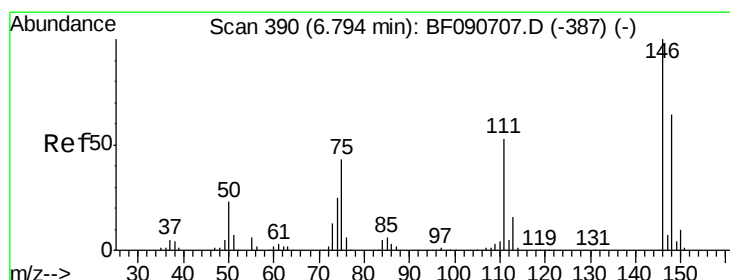
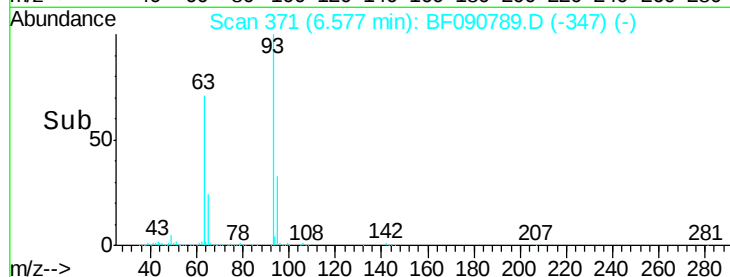
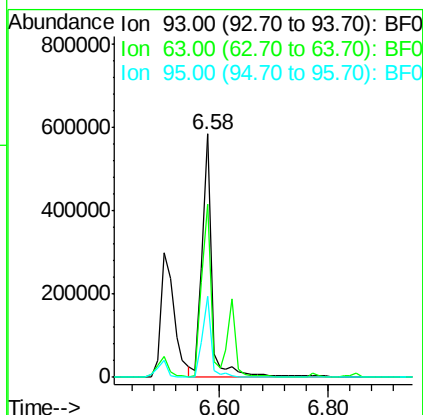
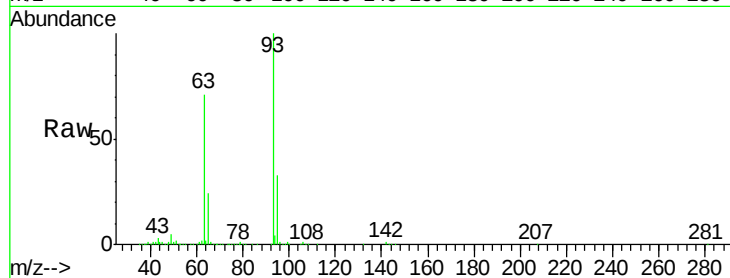




#11
bis(2-Chloroethyl)ether
Concen: 39.32 ng
RT: 6.58 min Scan# 371
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

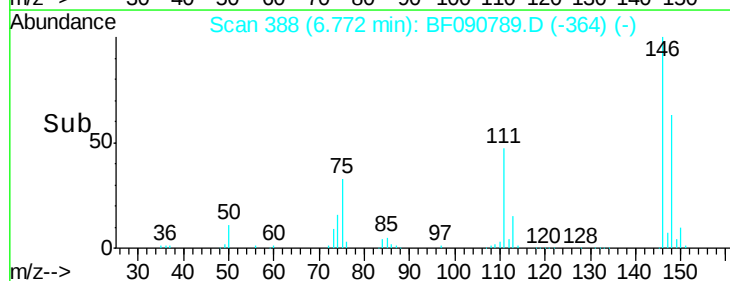
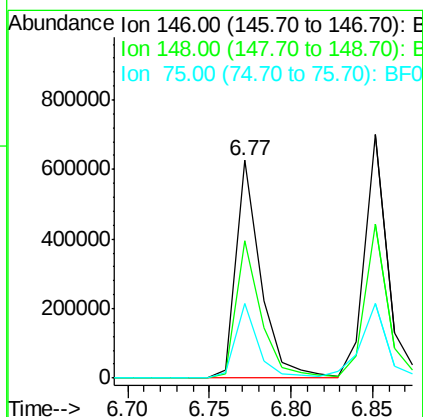
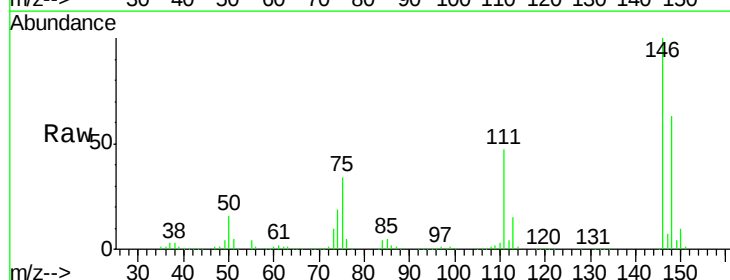
Instrument :
BNA_F
ClientSampleId :
PB94262BS

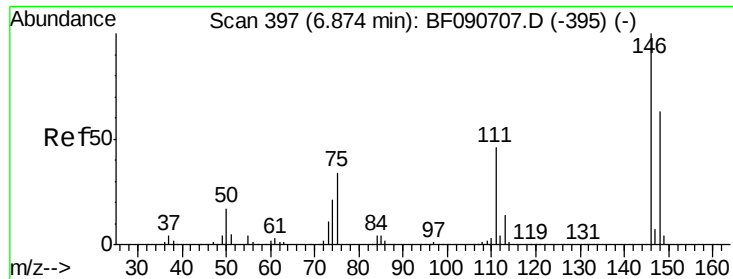
Tot Ion: 93 Resp: 714408
Ion Ratio Lower Upper
93 100
63 71.2 65.6 105.6
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.41 ng
RT: 6.77 min Scan# 388
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion: 146 Resp: 657804
Ion Ratio Lower Upper
146 100
148 63.0 51.0 76.4
75 34.1 15.0 22.6#

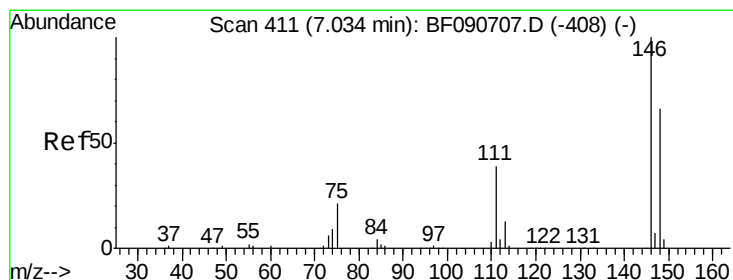
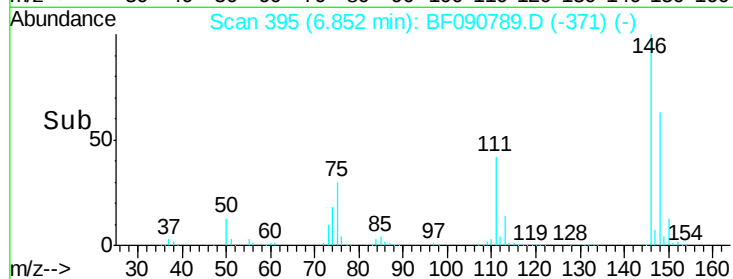
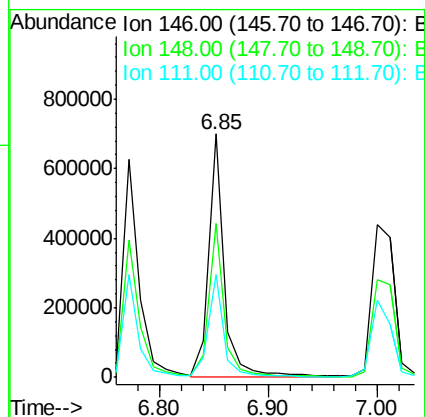
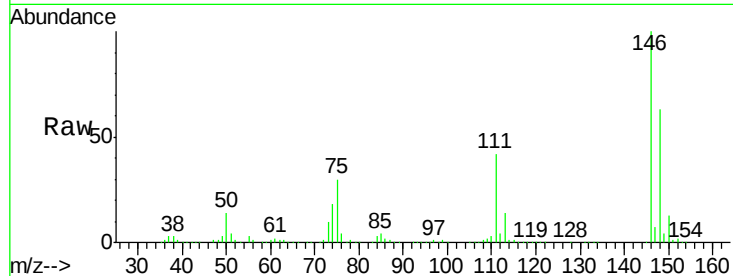




#13
1,4-Dichlorobenzene
Concen: 38.81 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

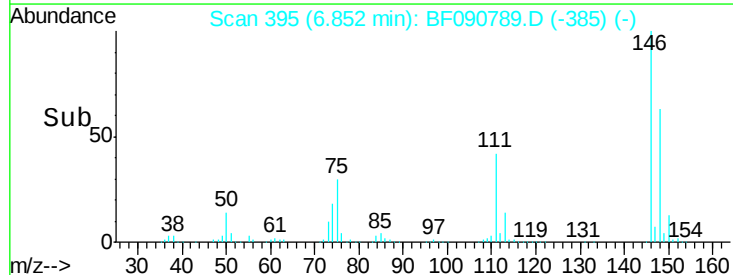
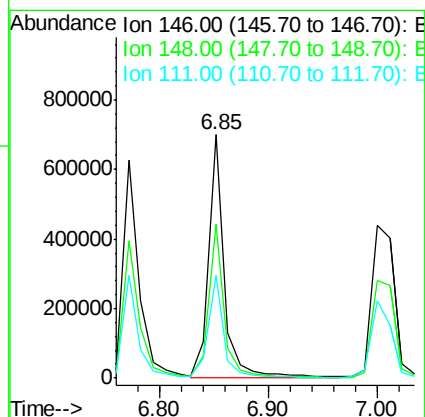
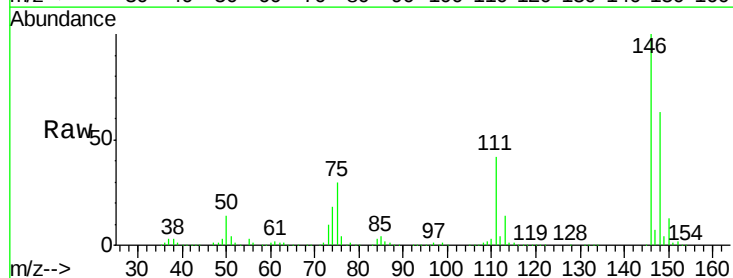
Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:146 Resp: 704961
Ion Ratio Lower Upper
146 100
148 63.2 51.8 77.6
111 42.3 24.9 37.3#



#14
1,2-Dichlorobenzene
Concen: 40.07 ng
RT: 6.85 min Scan# 395
Delta R.T. -0.18 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:146 Resp: 712644
Ion Ratio Lower Upper
146 100
148 63.2 52.7 79.1
111 42.3 28.8 43.2





#15

Benzyl Alcohol

Concen: 35.85 ng

RT: 6.98 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

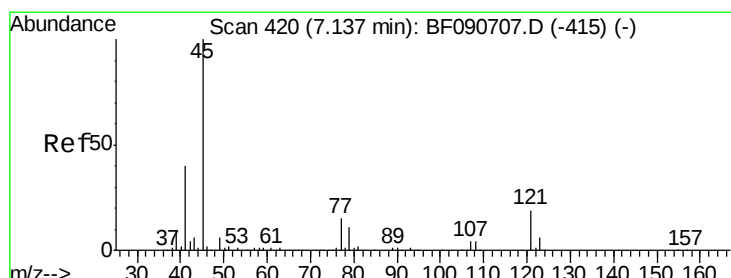
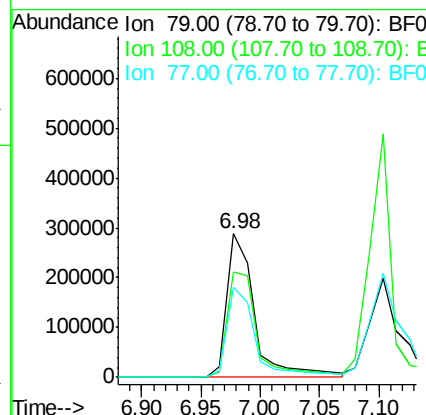
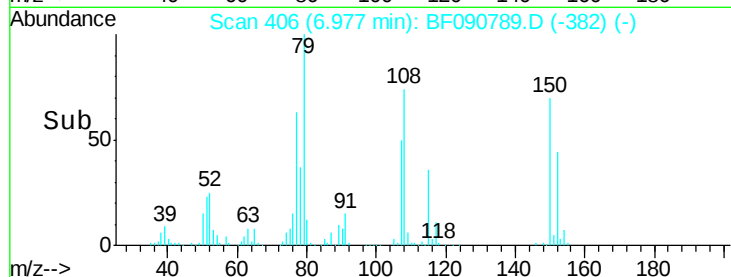
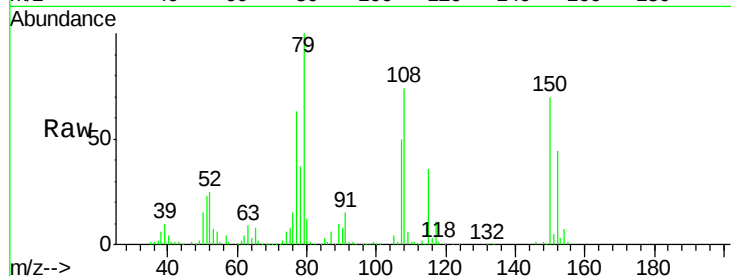
Tot Ion: 79 Resp: 468451

Ion Ratio Lower Upper

79 100

108 73.6 88.6 132.8#

77 63.2 47.0 70.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 28.12 ng

RT: 7.11 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

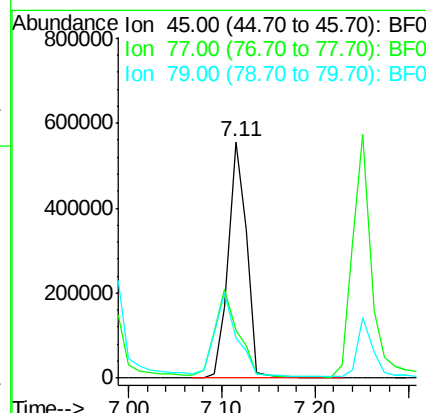
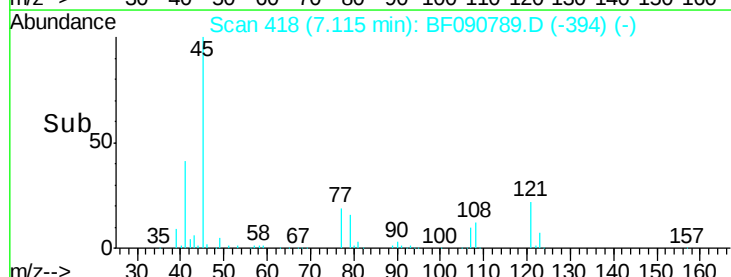
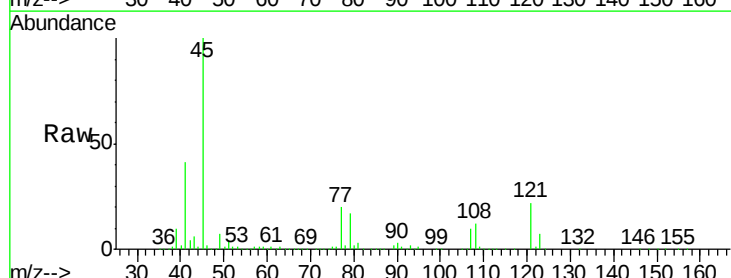
Tgt Ion: 45 Resp: 765257

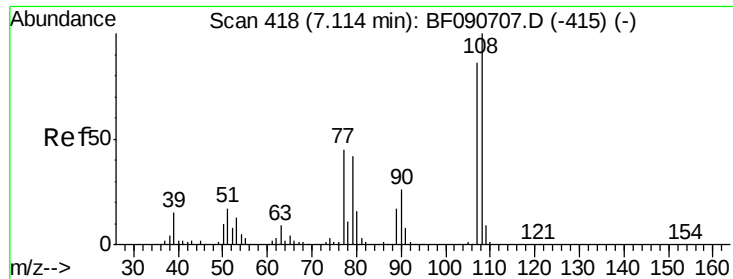
Ion Ratio Lower Upper

45 100

77 20.5 0.0 28.1

79 17.0 0.0 26.0

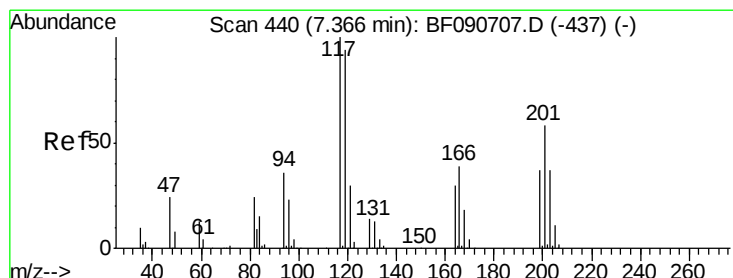
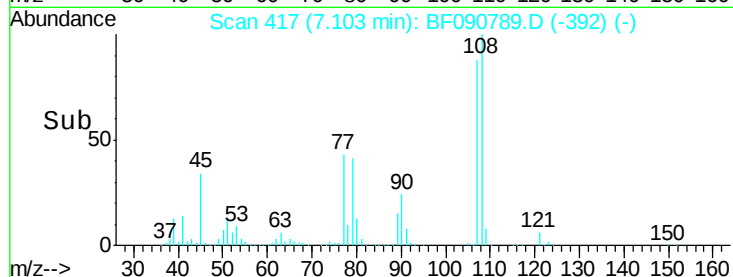
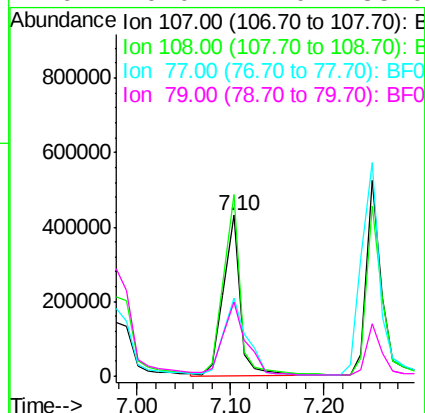
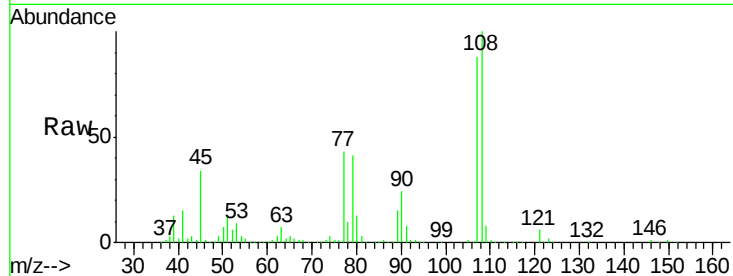




#17
2-Methylphenol
Concen: 41.89 ng
RT: 7.10 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

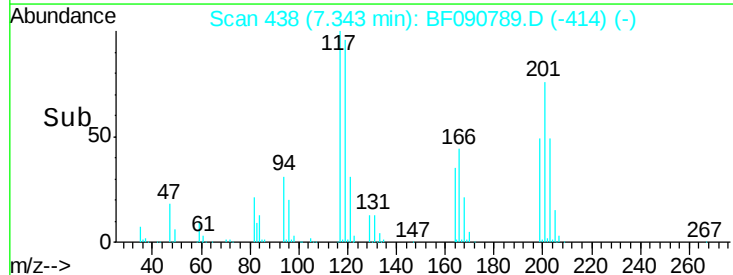
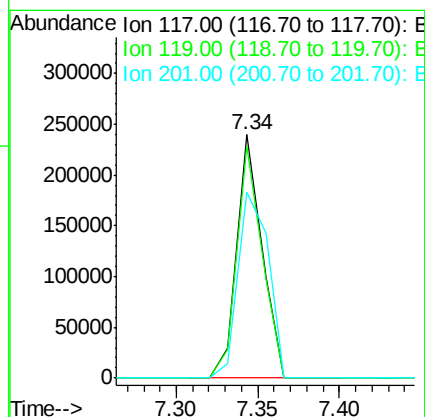
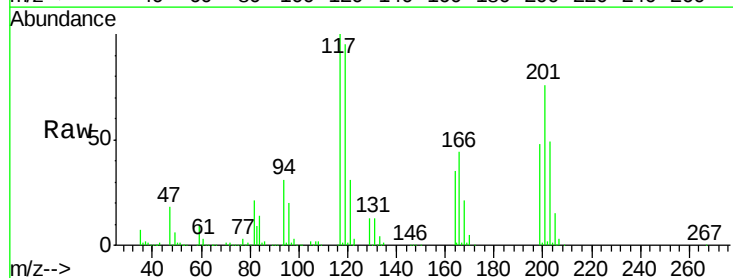
Instrument :
BNA_F
ClientSampleId :
PB94262BS

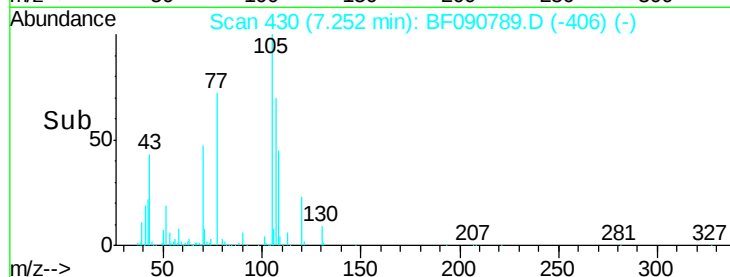
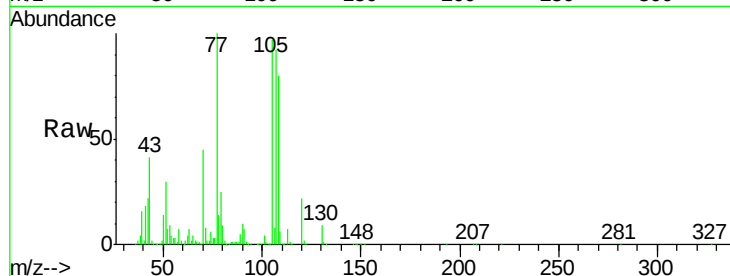
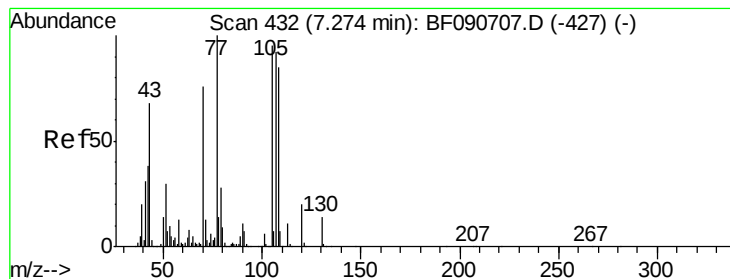
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	96.6	145.0
77	48.7	23.3	34.9
79	46.0	22.0	33.0



#18
Hexachloroethane
Concen: 34.38 ng
RT: 7.34 min Scan# 438
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	83.8	125.6
201	76.2	55.1	82.7





#19

n-Nitroso-di-n-propylamine

Concen: 32.30 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion: 70 Resp: 462789

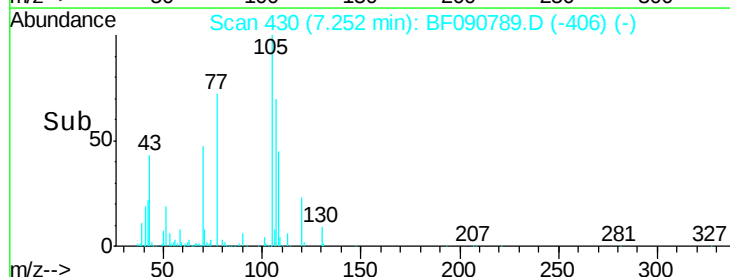
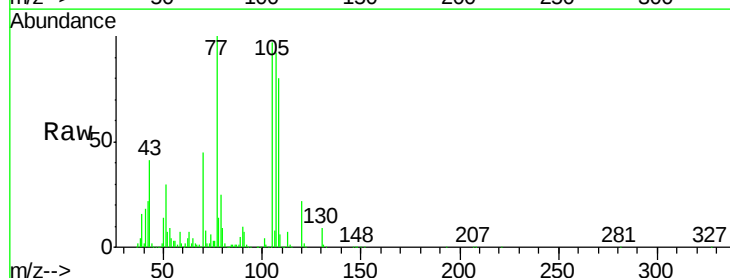
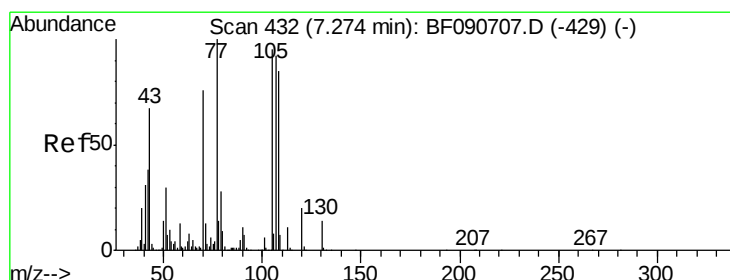
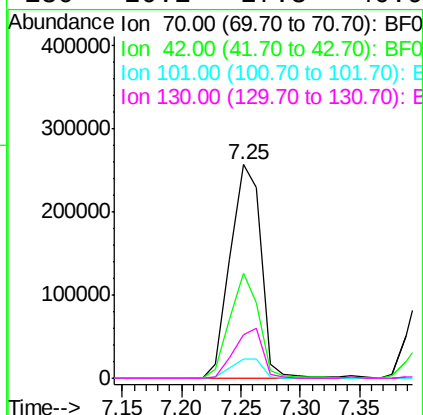
Ion Ratio Lower Upper

70 100

42 49.3 63.8 95.6#

101 8.9 9.2 13.8#

130 20.1 27.3 40.9#



#20

3+4-Methylphenols

Concen: 39.62 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion: 107 Resp: 603276

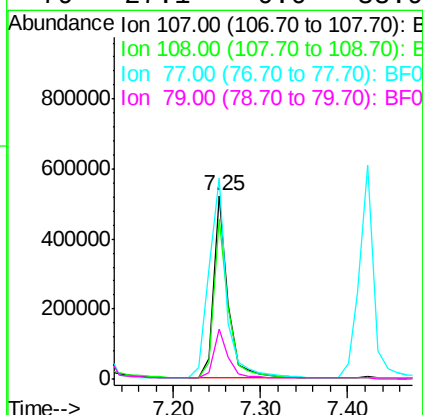
Ion Ratio Lower Upper

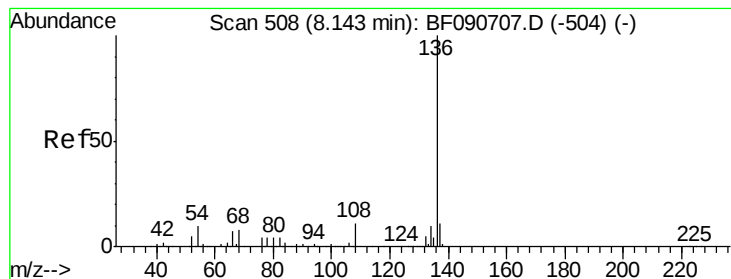
107 100

108 87.2 74.6 114.6

77 109.2 0.7 40.7#

79 27.1 0.0 38.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 506

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:136 Resp: 964850

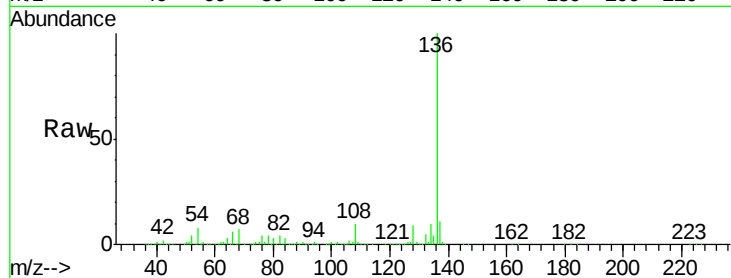
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.3 8.2 12.2

68 7.5 5.8 8.6

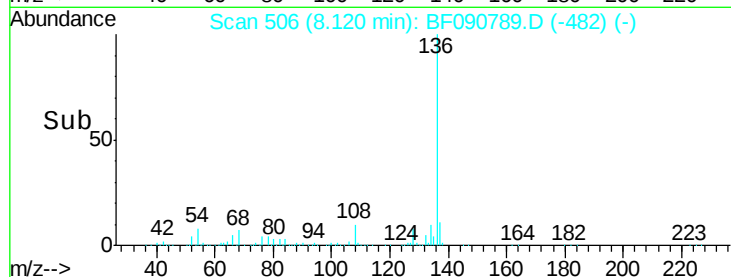


Abundance Ion 136.00 (135.70 to 136.70): E

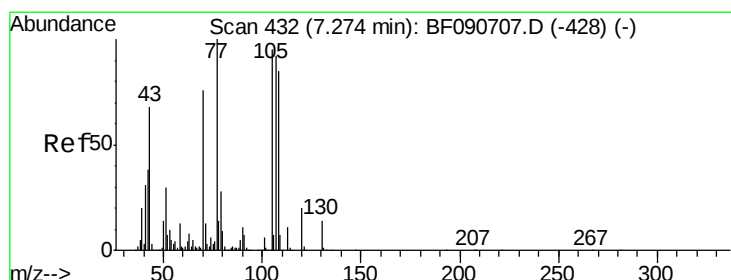
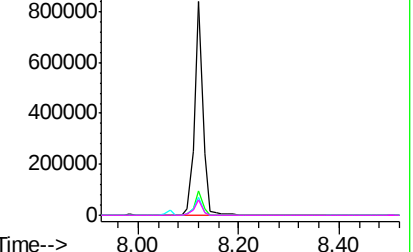
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 39.33 ng

RT: 7.25 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:105 Resp: 845698

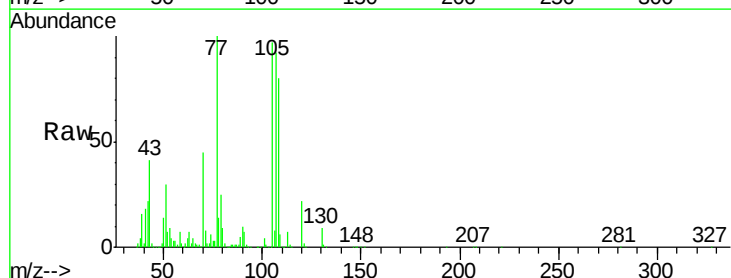
Ion Ratio Lower Upper

105 100

71 7.8 4.7 7.1#

51 30.6 22.0 33.0

120 22.2 30.1 45.1#

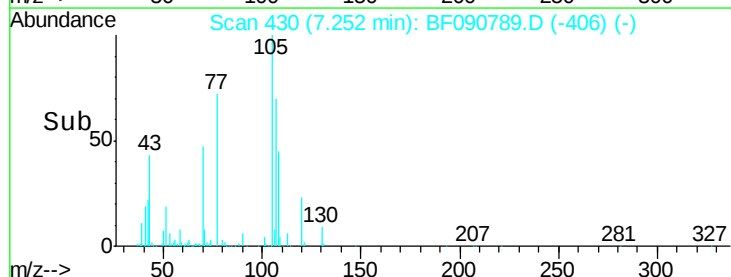


Abundance Ion 105.00 (104.70 to 105.70): E

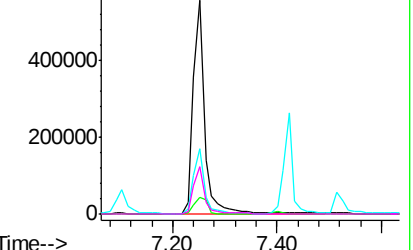
Ion 71.00 (70.70 to 71.70): BF0

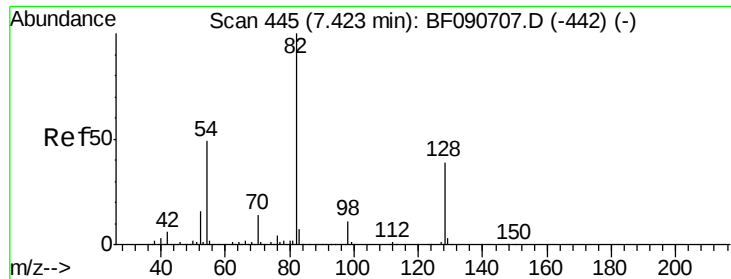
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->



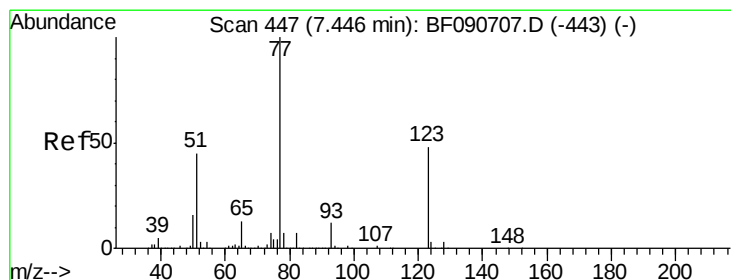
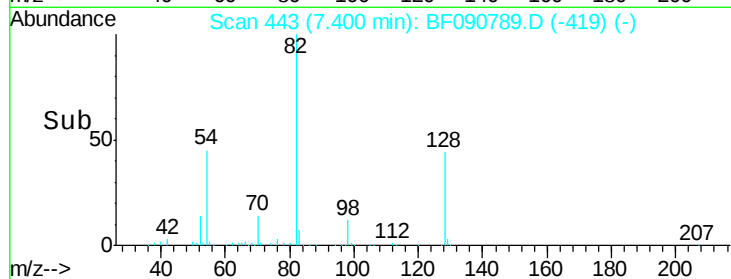
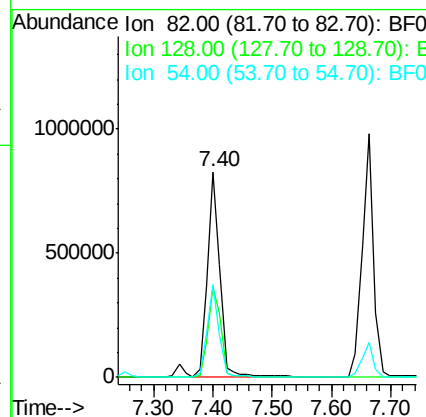
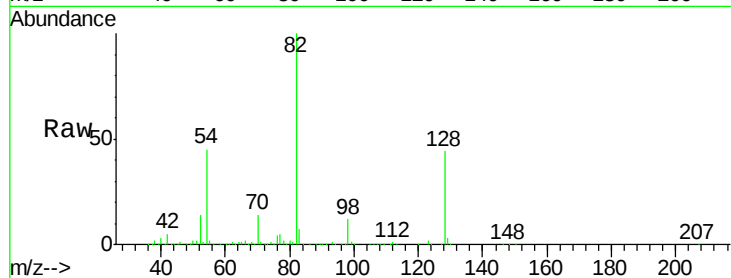


#23
 Nitrobenzene-d5
 Concen: 71.27 ng
 RT: 7.40 min Scan# 443
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion: 82 Resp: 1253704

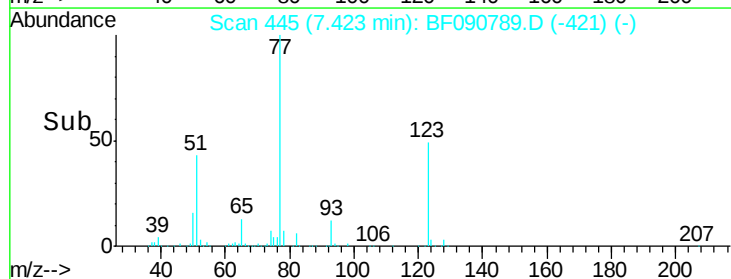
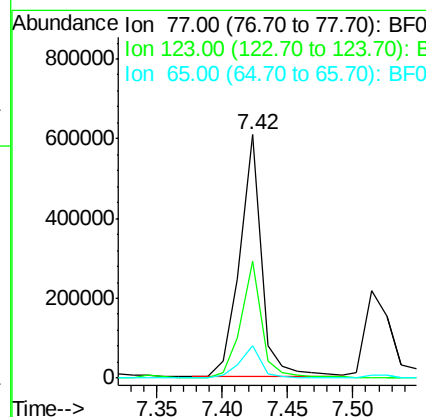
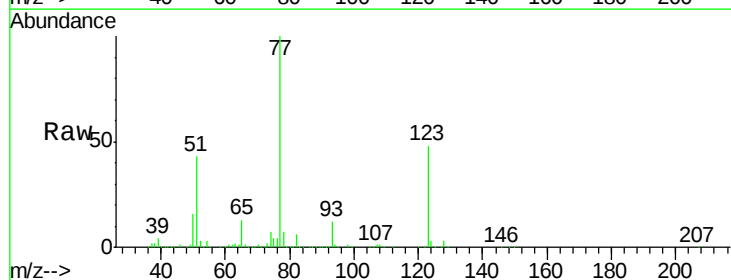
Ion	Ratio	Lower	Upper
82	100		
128	43.8	51.0	76.6#
54	45.3	47.5	71.3#

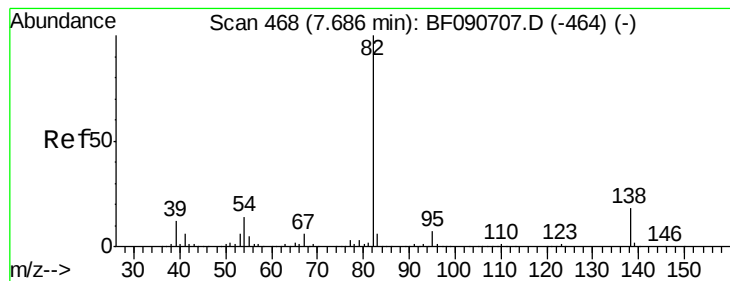


#24
 Nitrobenzene
 Concen: 36.85 ng
 RT: 7.42 min Scan# 445
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion: 77 Resp: 702710

Ion	Ratio	Lower	Upper
77	100		
123	48.2	59.8	89.8#
65	13.1	10.2	15.4





#25

Isophorone

Concen: 38.89 ng

RT: 7.66 min Scan# 466

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

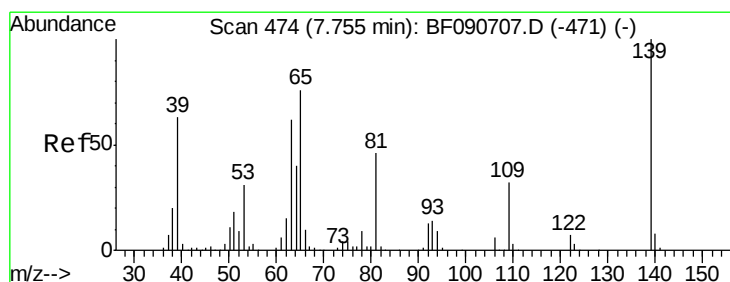
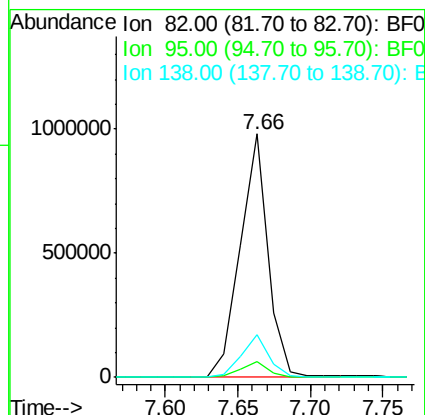
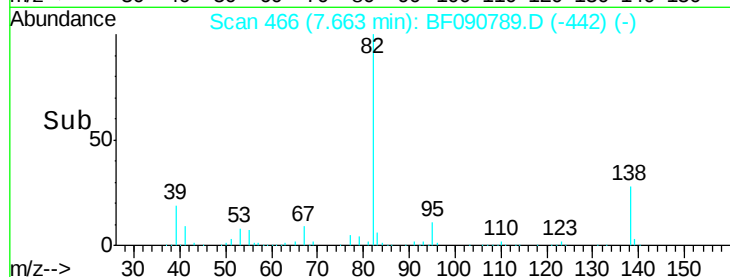
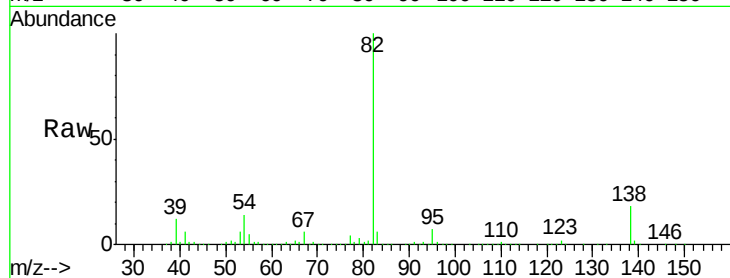
Tot Ion: 82 Resp: 1294971

Ion Ratio Lower Upper

82 100

95 6.7 4.0 6.0#

138 17.6 18.3 27.5#



#26

2-Nitrophenol

Concen: 45.33 ng

RT: 7.74 min Scan# 473

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

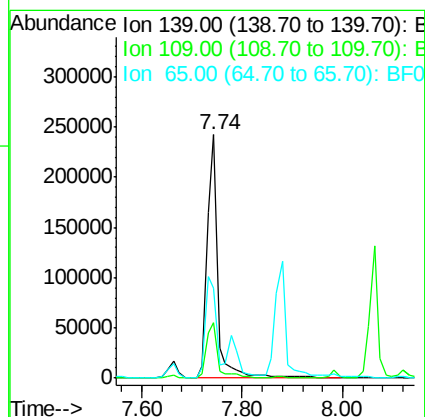
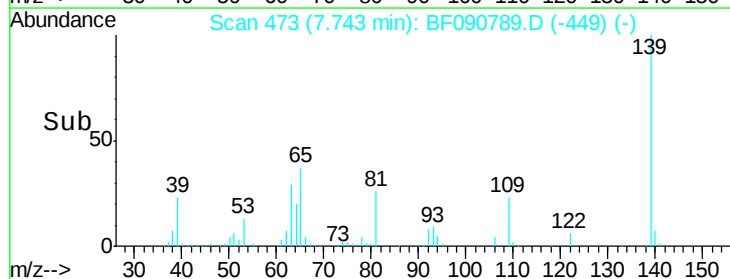
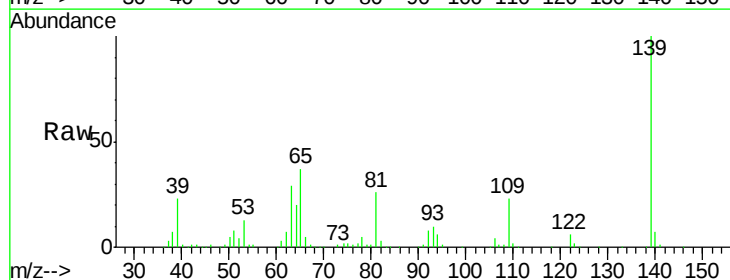
Tgt Ion: 139 Resp: 353173

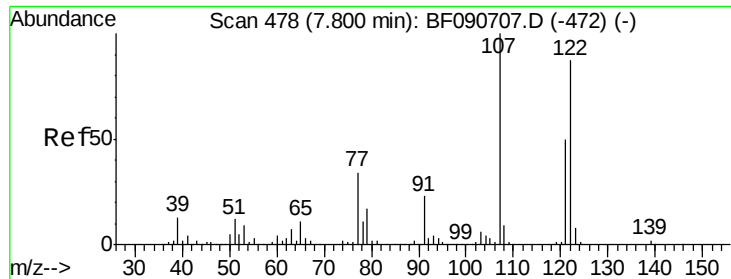
Ion Ratio Lower Upper

139 100

109 22.6 11.0 16.4#

65 37.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 41.38 ng

RT: 7.78 min Scan# 476

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

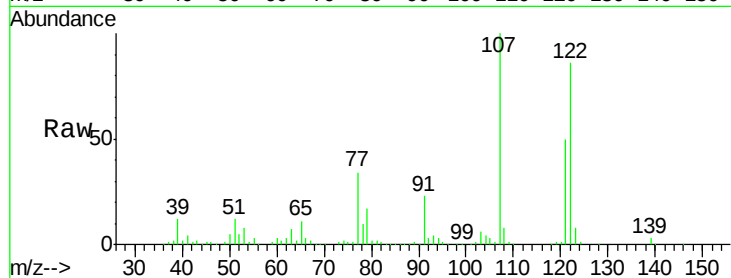
Tot Ion:122 Resp: 571617

Ion Ratio Lower Upper

122 100

107 115.8 71.8 107.6#

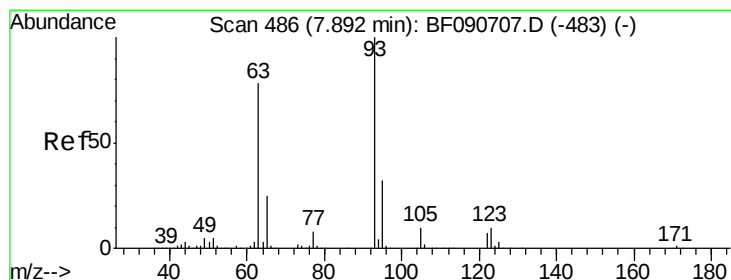
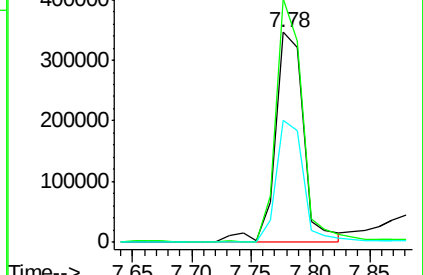
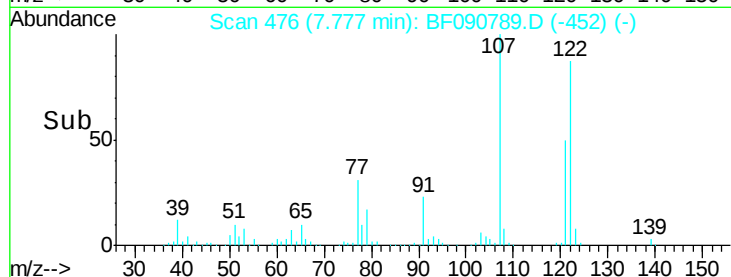
121 57.9 42.3 63.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.87 ng

RT: 7.88 min Scan# 485

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

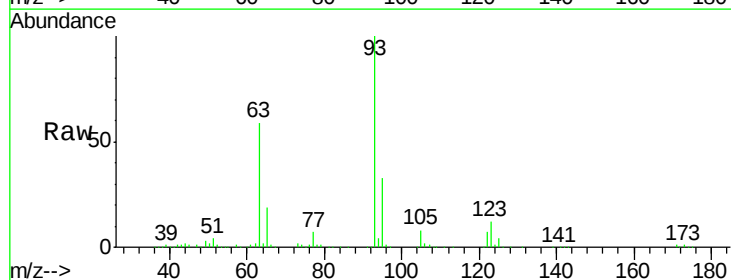
Tgt Ion: 93 Resp: 817426

Ion Ratio Lower Upper

93 100

95 32.8 27.5 41.3

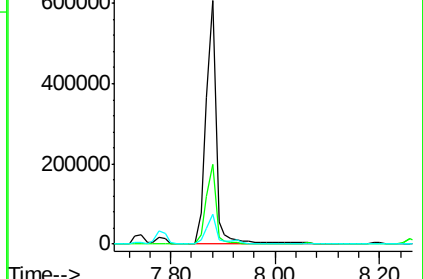
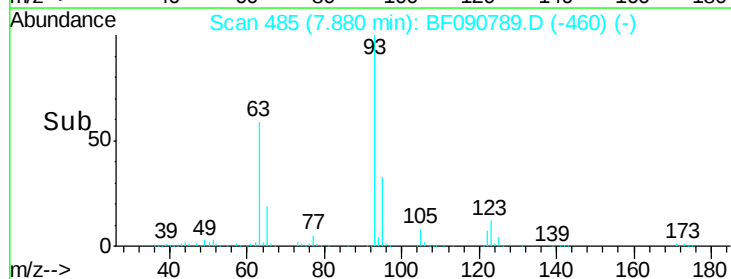
123 12.3 13.7 20.5#

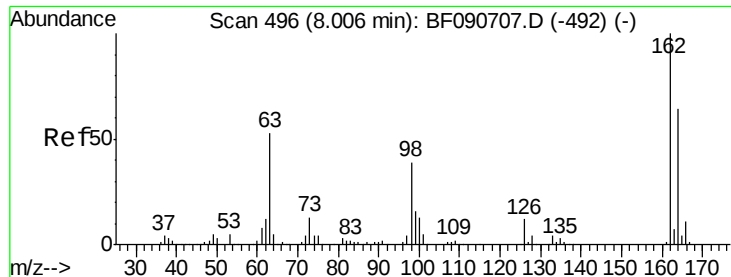


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

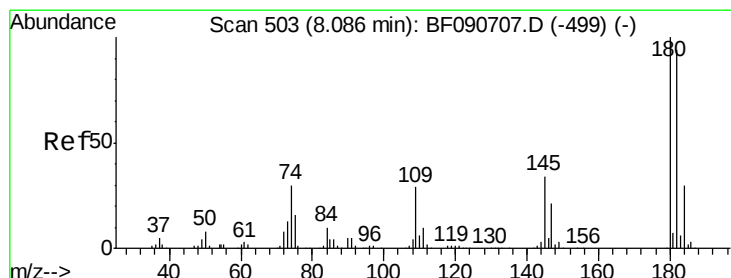
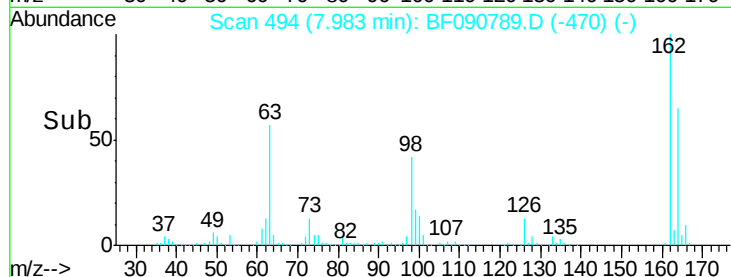
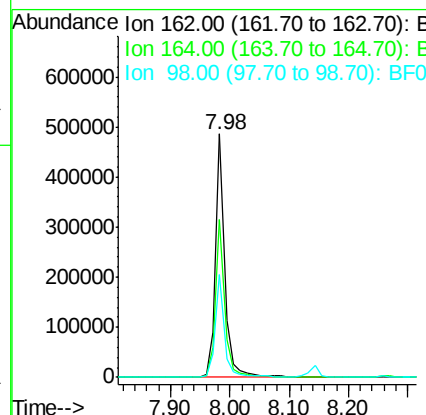
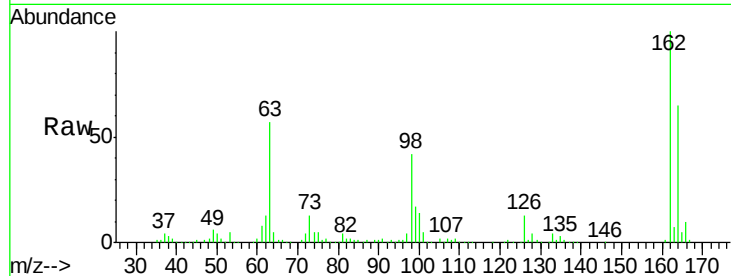




#29
 2,4-Dichlorophenol
 Concen: 46.83 ng
 RT: 7.98 min Scan# 494
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

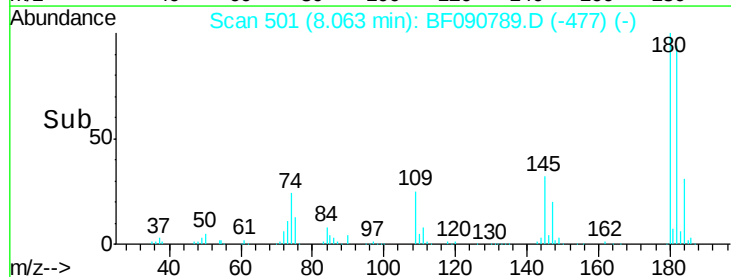
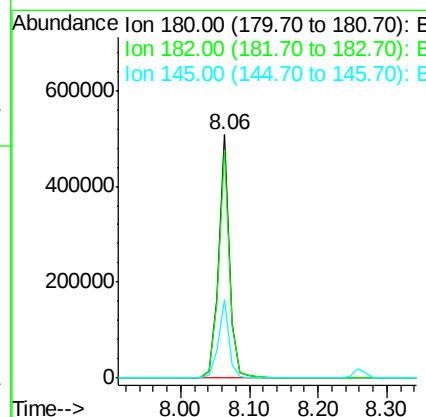
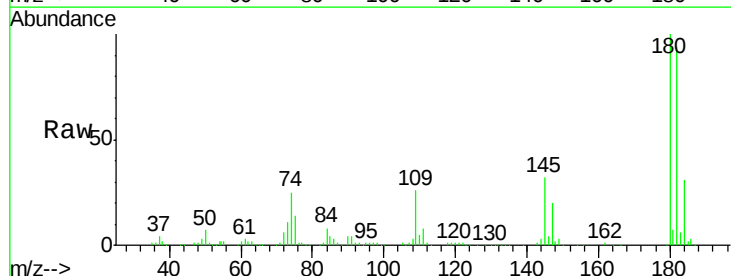
Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

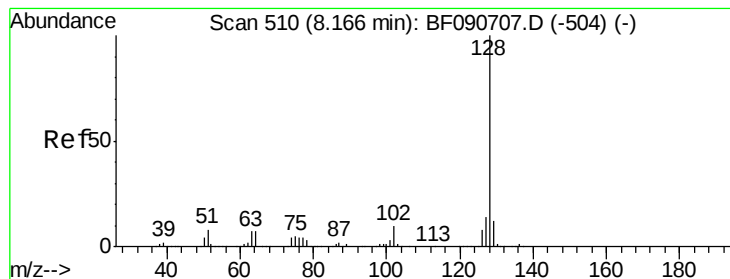
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.9	84.9
98	42.2	13.0	53.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.80 ng
 RT: 8.06 min Scan# 501
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	77.1	115.7
145	32.4	23.3	34.9





#31

Naphthalene

Concen: 39.66 ng

RT: 8.14 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

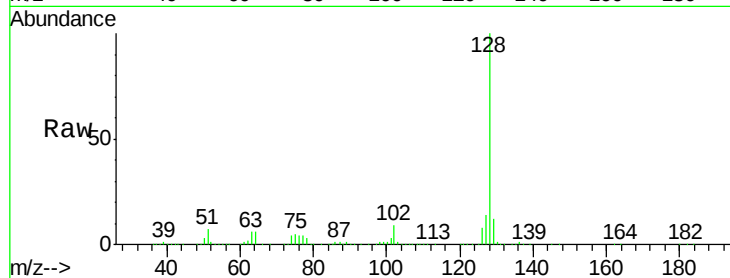
BNA_F

ClientSampleId :

PB94262BS

Tot Ion:128 Resp: 1871797

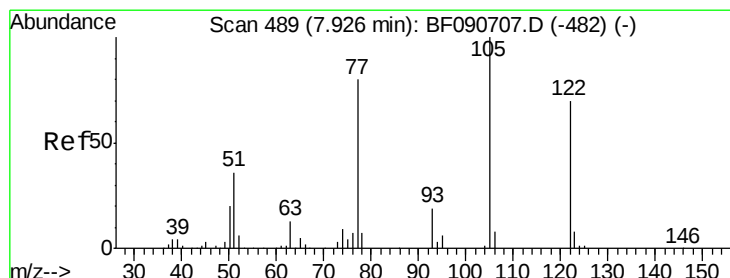
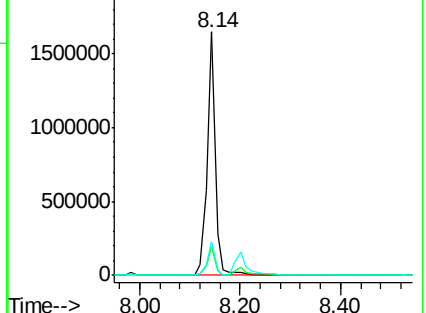
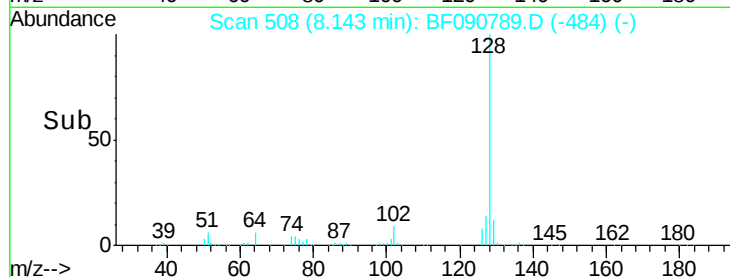
Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.4	12.6
127	13.8	9.9	14.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.41 ng

RT: 7.93 min Scan# 489

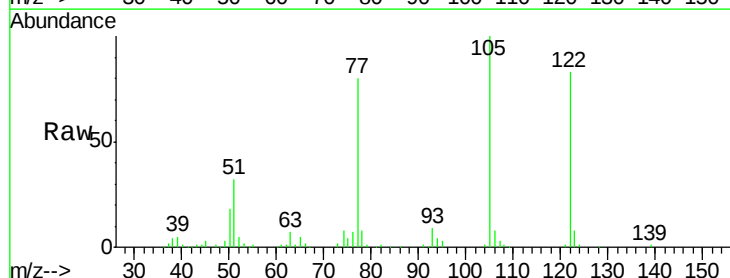
Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:122 Resp: 345058

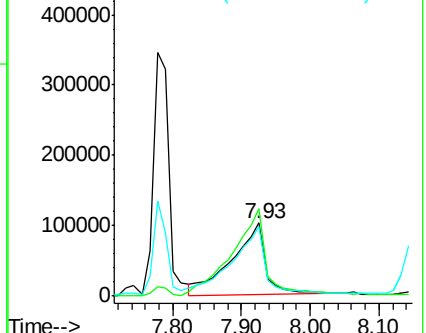
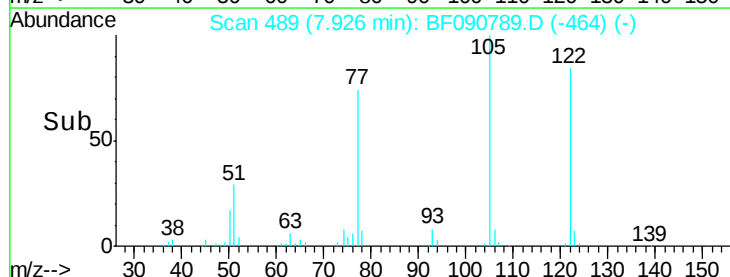
Ion	Ratio	Lower	Upper
122	100		
105	120.0	76.1	116.1#
77	95.9	40.5	80.5#

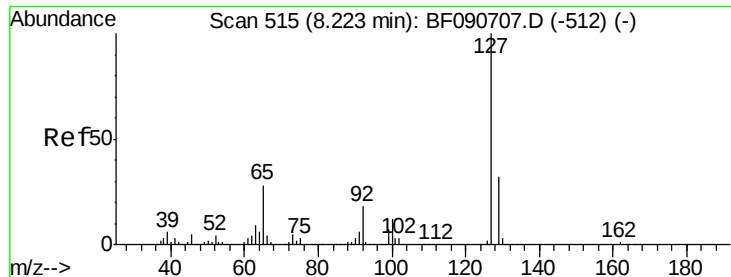


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

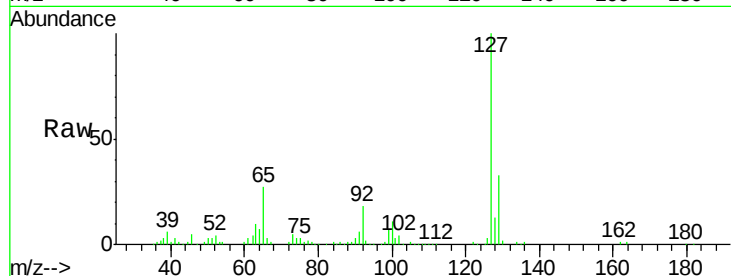




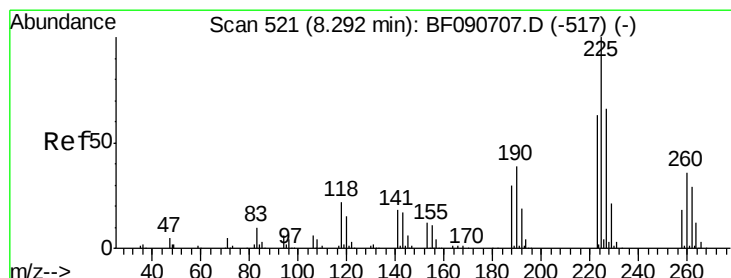
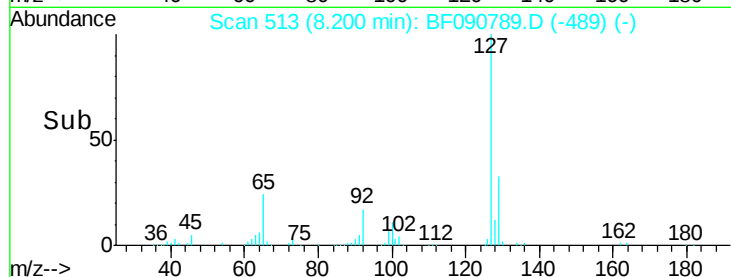
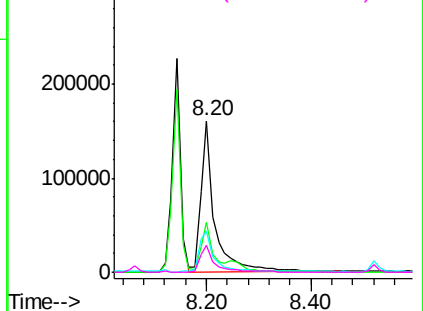
#33
4-Chloroaniline
Concen: 16.70 ng
RT: 8.20 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:	127	Resp:	292247
Ion	Ratio	Lower	Upper
127	100		
129	33.0	25.8	38.6
65	27.4	17.9	26.9
92	17.6	10.5	15.7

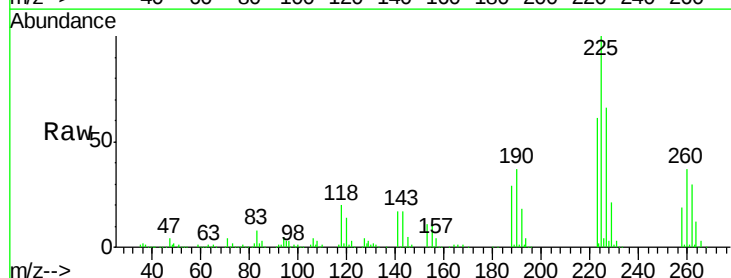


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

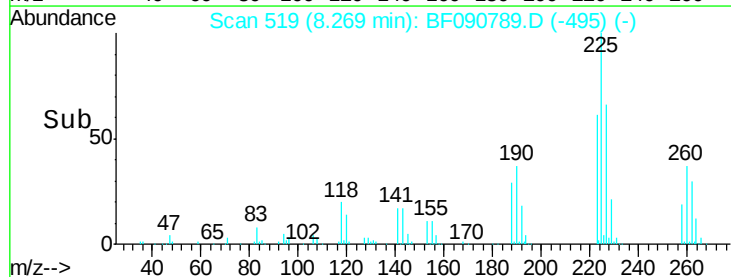
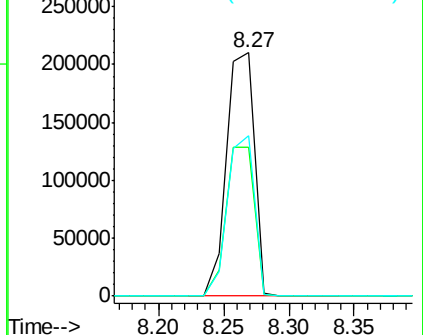


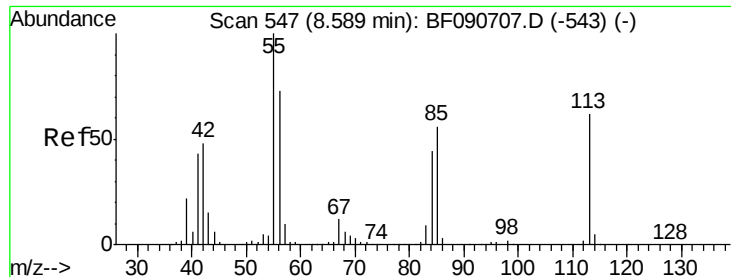
#34
Hexachlorobutadiene
Concen: 41.51 ng
RT: 8.27 min Scan# 519
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:	225	Resp:	311409
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.2	75.2
227	66.0	52.2	78.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

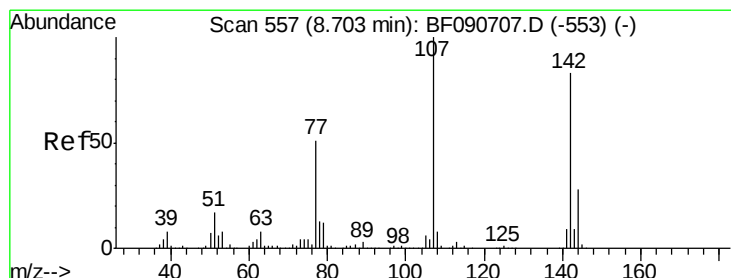
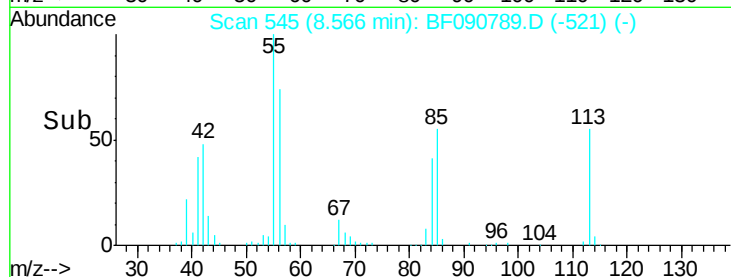
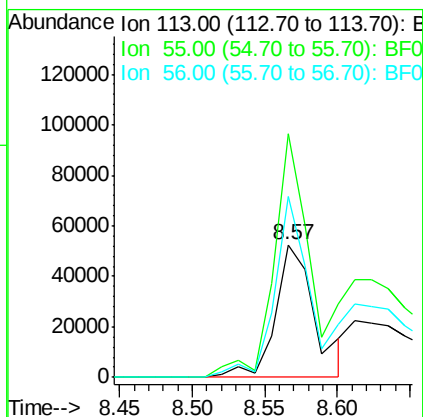
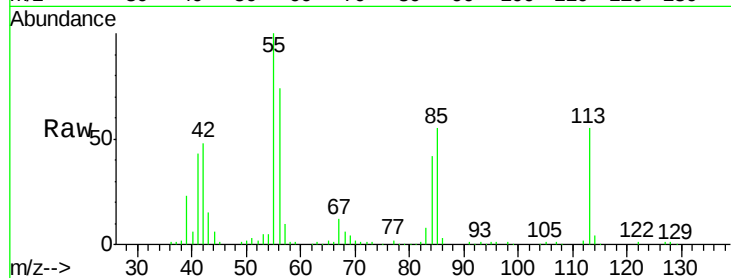




#35
Caprolactam
Concen: 30.42 ng
RT: 8.57 min Scan# 545
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

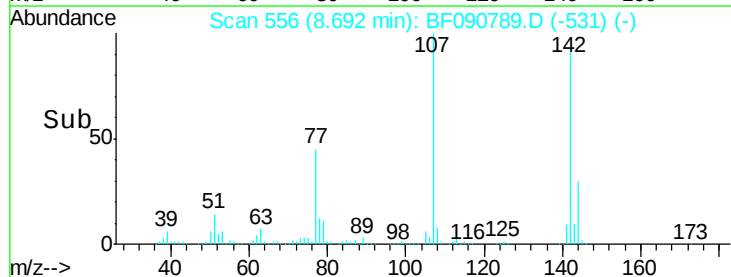
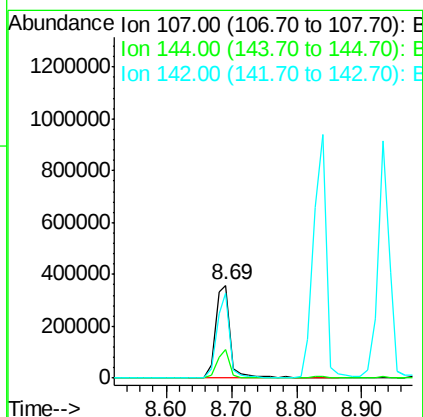
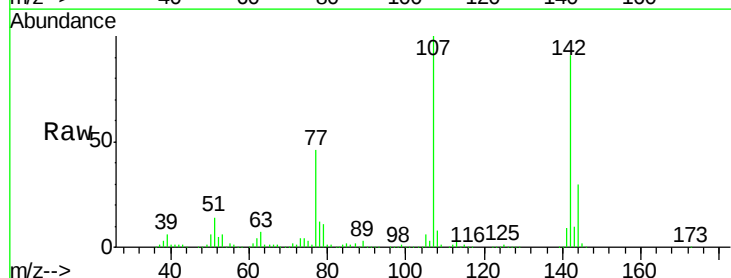
Instrument :
BNA_F
ClientSampleID :
PB94262BS

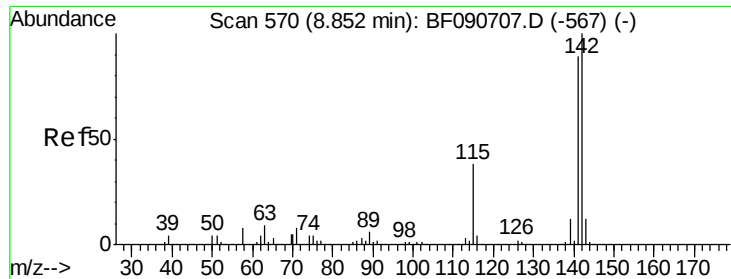
Tot Ion:113 Resp: 98515
Ion Ratio Lower Upper
113 100
55 183.2 152.4 192.4
56 135.7 104.6 144.6



#36
4-Chloro-3-methylphenol
Concen: 43.56 ng
RT: 8.69 min Scan# 556
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:107 Resp: 574399
Ion Ratio Lower Upper
107 100
144 30.3 25.4 38.0
142 90.9 77.3 115.9

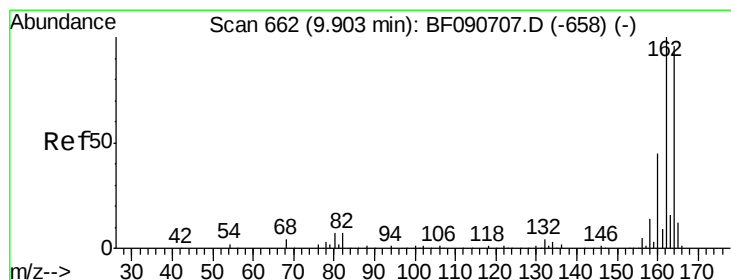
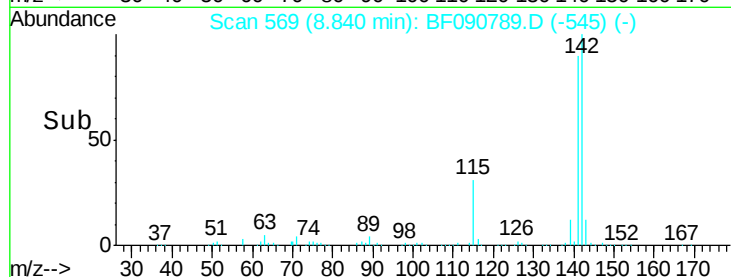
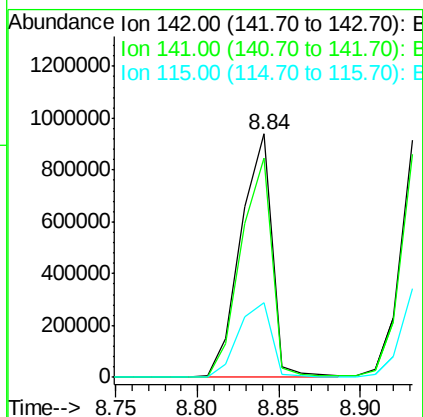
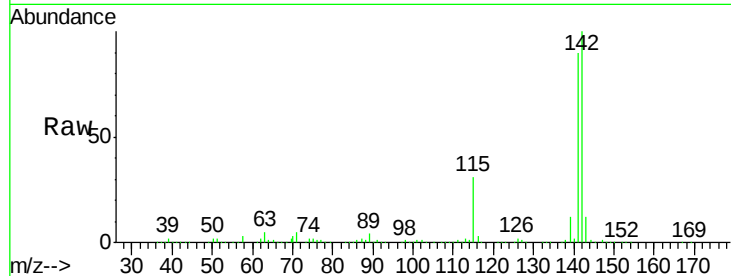




#37
 2-Methylnaphthalene
 Concen: 45.04 ng
 RT: 8.84 min Scan# 569
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

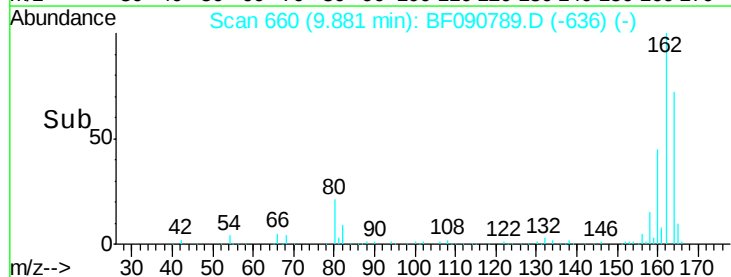
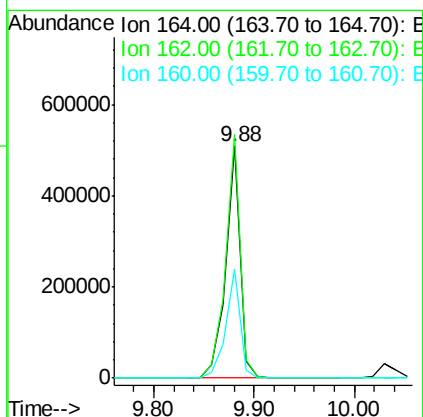
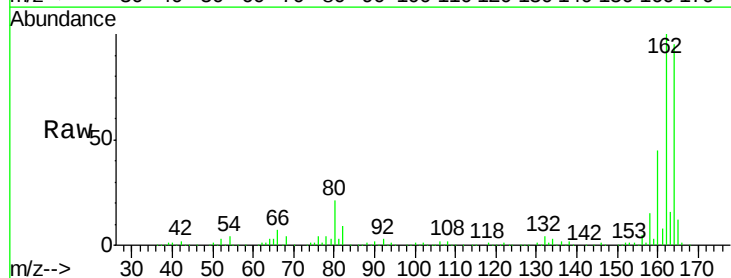
Instrument :
 BNA_F
 ClientSampleID :
 PB94262BS

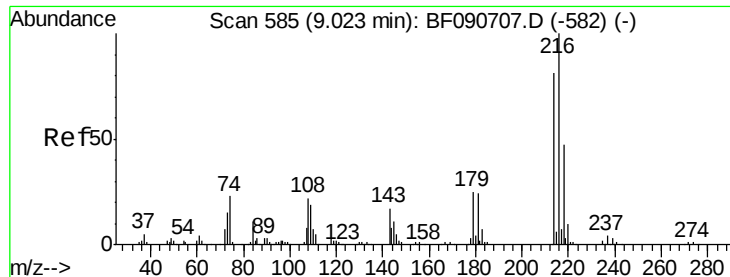
Tot Ion:142 Resp: 1242292
 Ion Ratio Lower Upper
 142 100
 141 90.2 67.5 101.3
 115 30.7 18.2 27.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 660
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:164 Resp: 513774
 Ion Ratio Lower Upper
 164 100
 162 105.0 75.2 112.8
 160 47.0 31.5 47.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.20 ng

RT: 9.00 min Scan# 583

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

Tot Ion:216 Resp: 529942

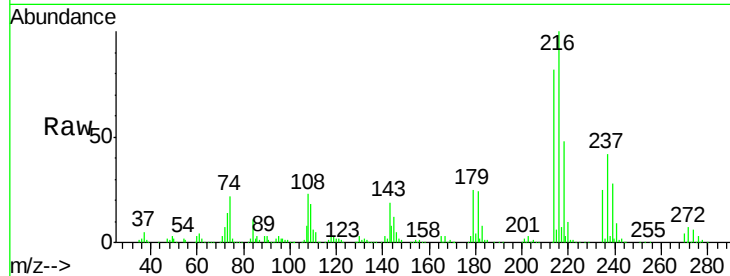
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 22.2 16.6 24.8

108 21.2 16.3 24.5

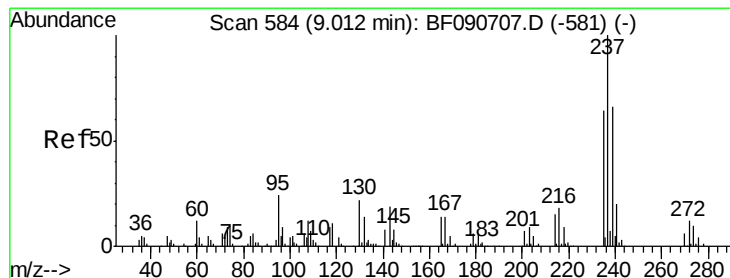
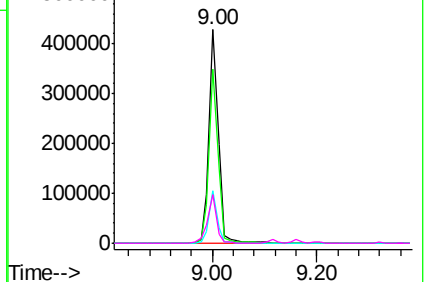
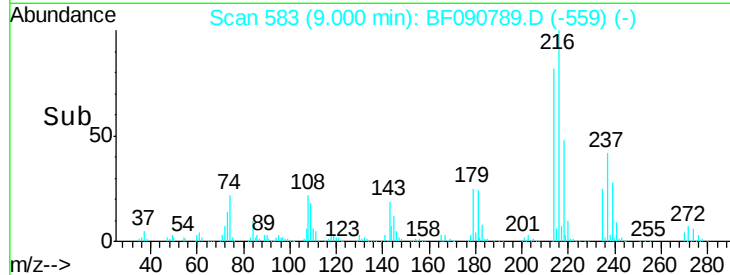


Abundance Ion 216.00 (215.70 to 216.70): E

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: 89.99 ng

RT: 8.99 min Scan# 582

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

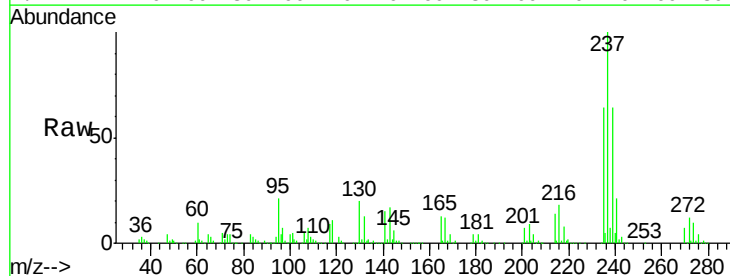
Tgt Ion:237 Resp: 586100

Ion Ratio Lower Upper

237 100

235 64.3 42.0 82.0

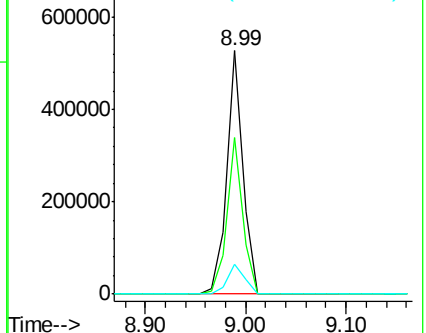
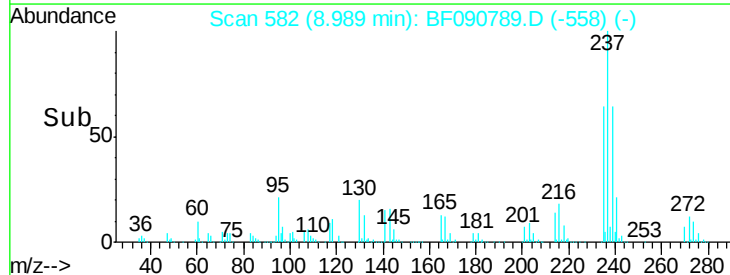
272 12.5 0.0 36.1

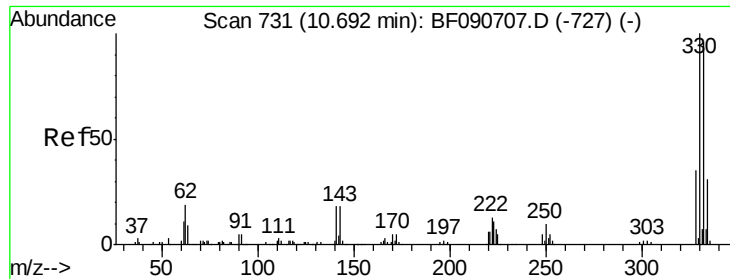


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

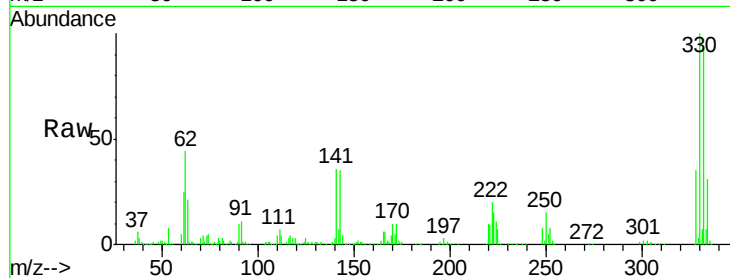




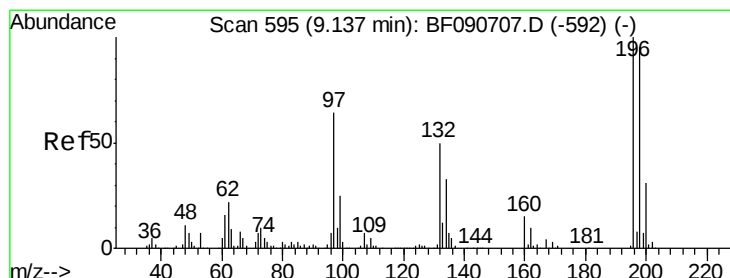
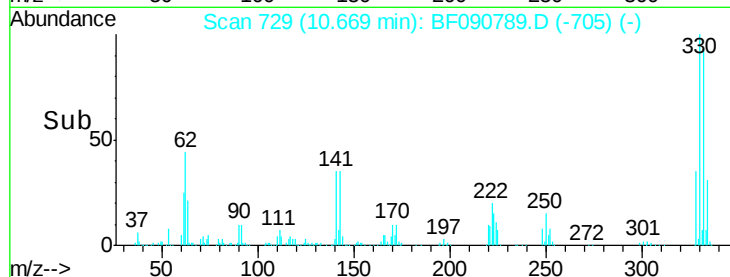
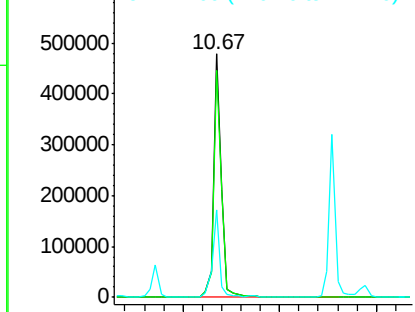
#41
 2,4,6-Tribromophenol
 Concen: 135.85 ng
 RT: 10.67 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion:330 Resp: 552454
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 32.2 29.7 44.5

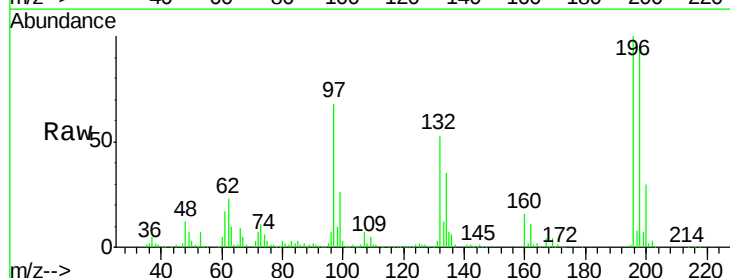


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

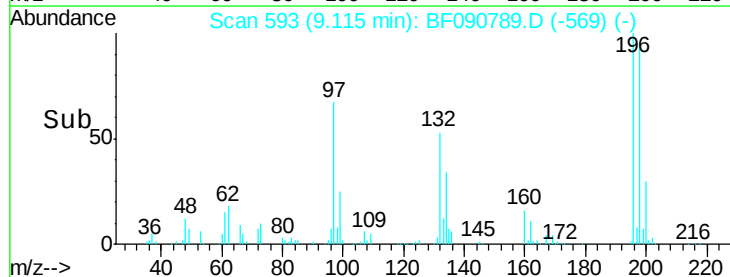
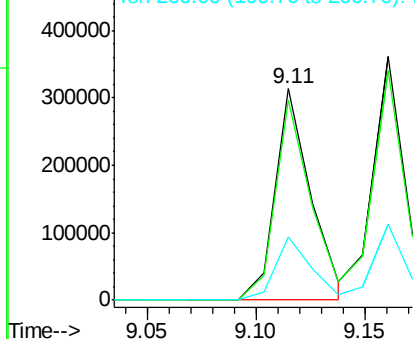


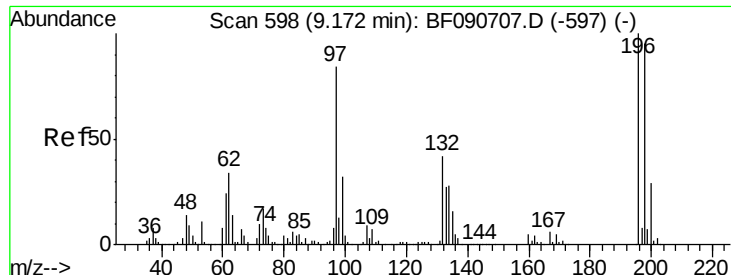
#42
 2,4,6-Trichlorophenol
 Concen: 41.94 ng
 RT: 9.11 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:196 Resp: 360783
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 200 30.1 23.9 35.9



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

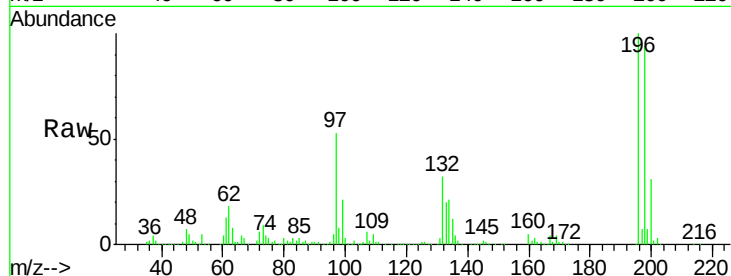




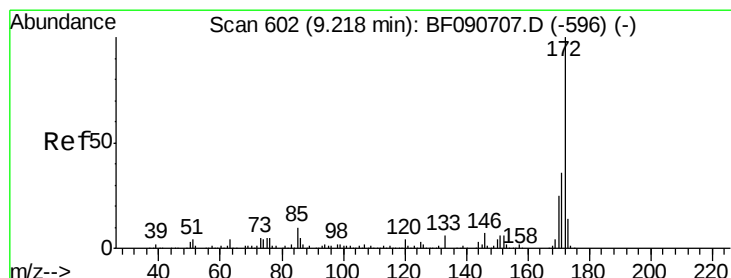
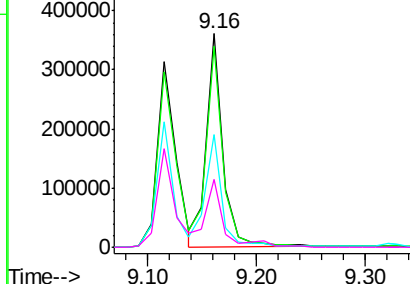
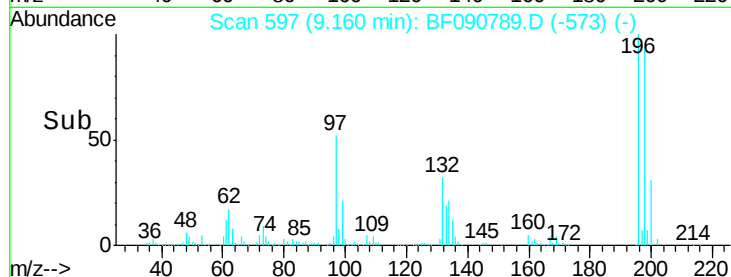
#43
 2,4,5-Trichlorophenol
 Concen: 44.24 ng
 RT: 9.16 min Scan# 597
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampled :
 PB94262BS

Tot Ion:196 Resp: 386281
 Ion Ratio Lower Upper
 196 100
 198 94.1 75.4 113.0
 97 52.7 33.3 49.9#
 132 31.9 24.6 37.0

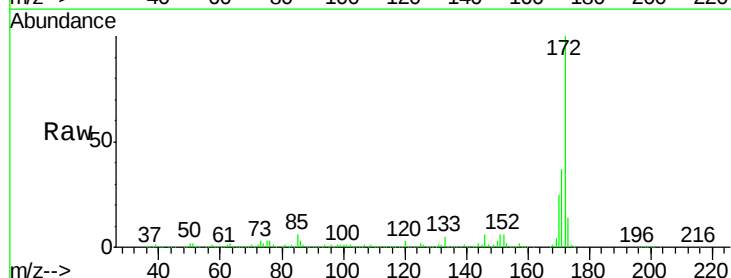


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

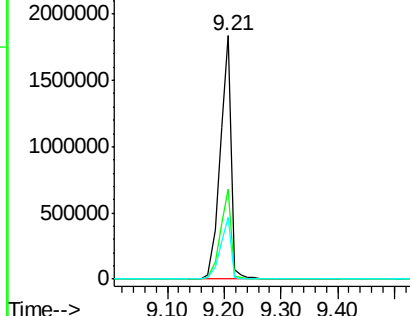
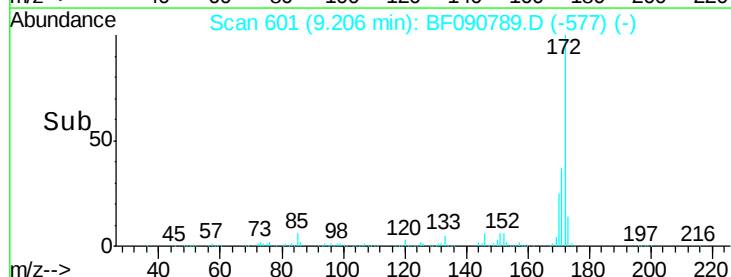


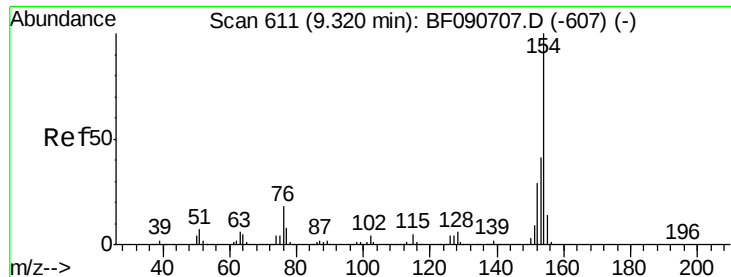
#44
 2-Fluorobiphenyl
 Concen: 73.48 ng
 RT: 9.21 min Scan# 601
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:172 Resp: 2431921
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.5 17.4 26.2



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

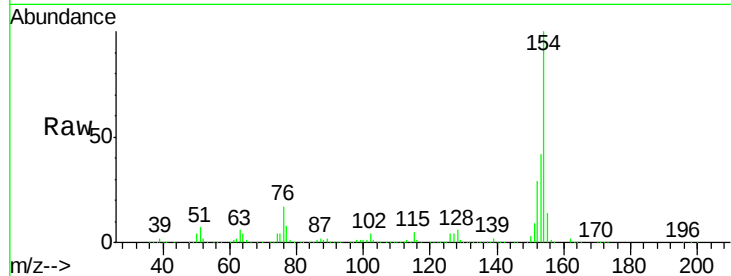




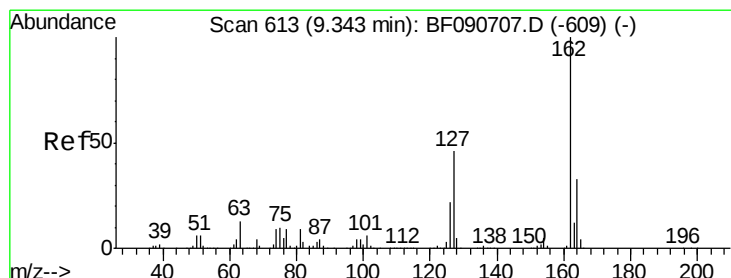
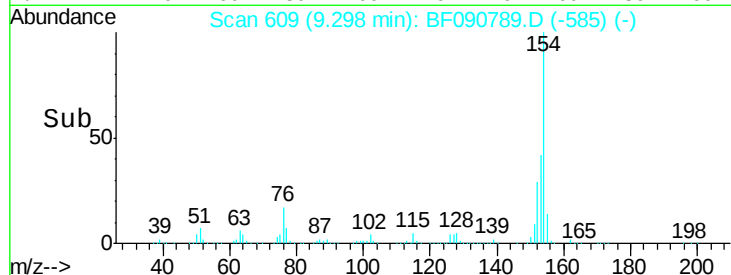
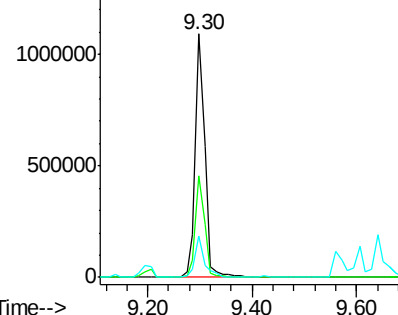
#45
 1,1'-Biphenyl
 Concen: 34.65 ng
 RT: 9.30 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion:154 Resp: 1397950
 Ion Ratio Lower Upper
 154 100
 153 41.5 17.1 57.1
 76 16.8 0.0 31.6

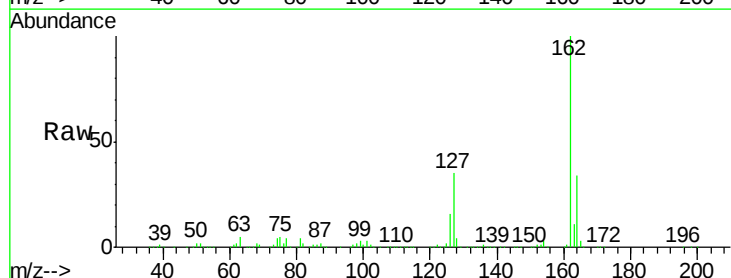


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

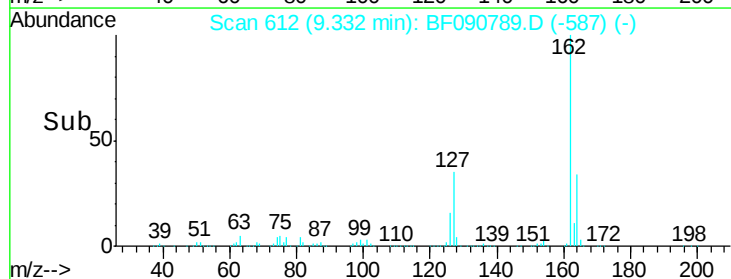
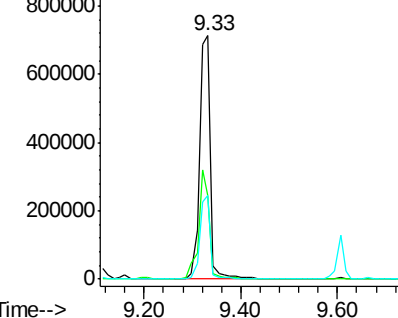


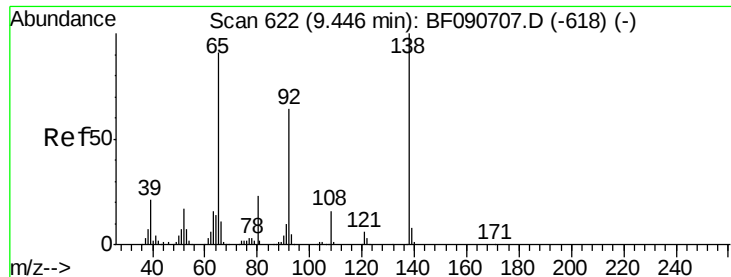
#46
 2-Chloronaphthalene
 Concen: 38.52 ng
 RT: 9.33 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:162 Resp: 1155125
 Ion Ratio Lower Upper
 162 100
 127 34.6 27.6 41.4
 164 34.5 25.4 38.2



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: 36.46 ng

RT: 9.42 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

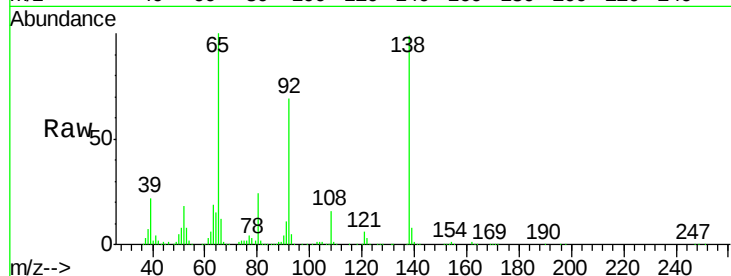
Tot Ion: 65 Resp: 362908

Ion Ratio Lower Upper

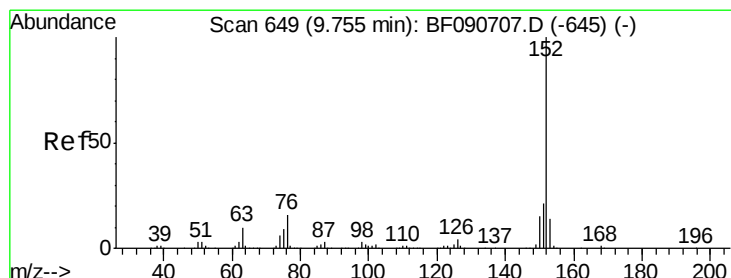
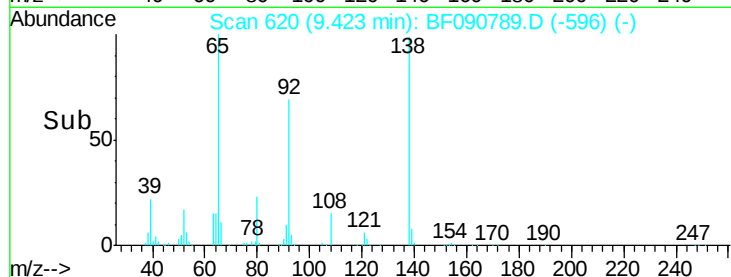
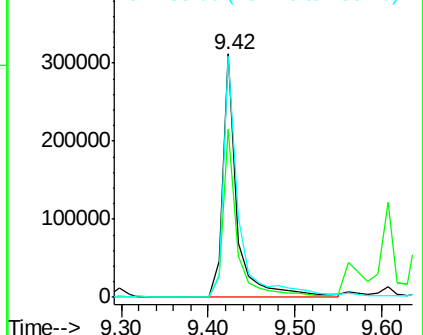
65 100

92 69.1 55.4 83.0

138 98.8 115.5 173.3#



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: 40.24 ng

RT: 9.74 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

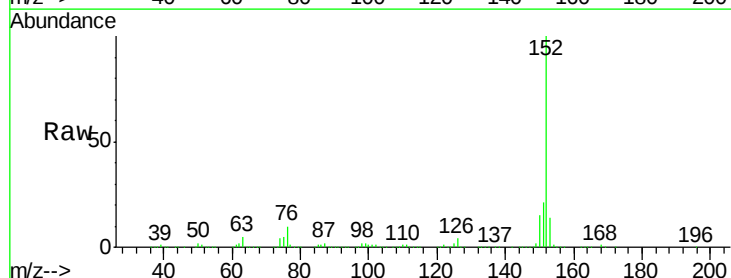
Tgt Ion: 152 Resp: 1841514

Ion Ratio Lower Upper

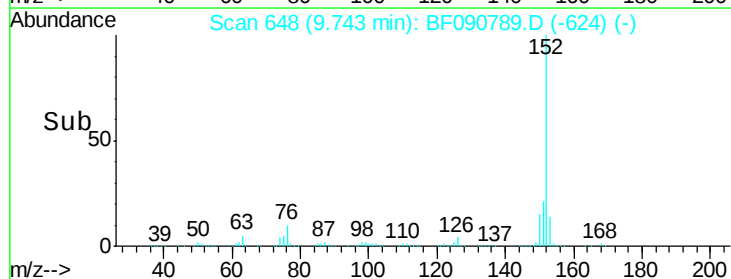
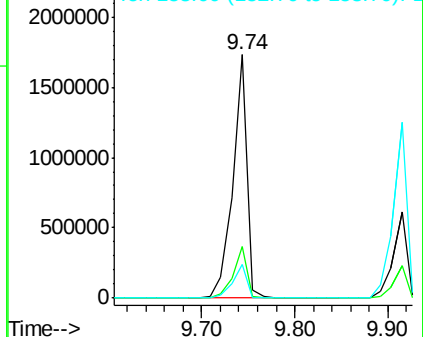
152 100

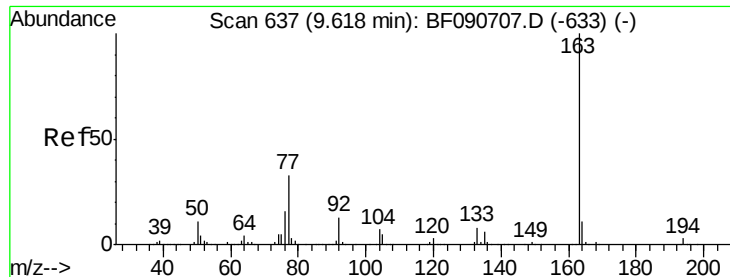
151 21.1 14.6 22.0

153 13.7 10.3 15.5



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: 38.21 ng

RT: 9.61 min Scan# 636

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

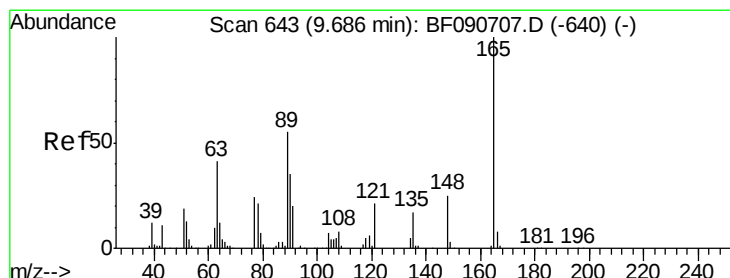
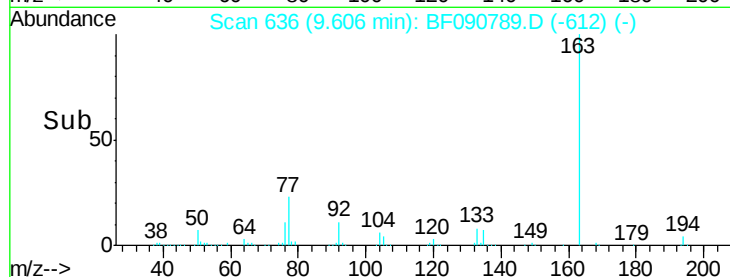
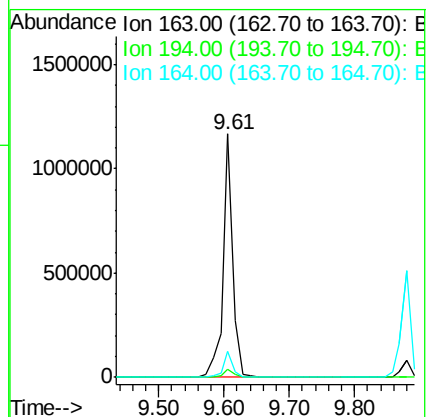
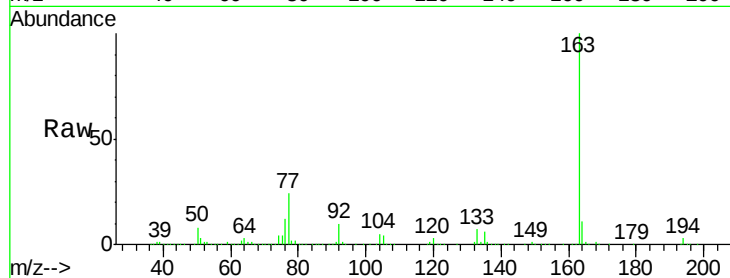
Tot Ion:163 Resp: 1233522

Ion Ratio Lower Upper

163 100

194 3.4 4.4 6.6#

164 10.9 8.3 12.5



#50

2,6-Dinitrotoluene

Concen: 40.82 ng

RT: 9.66 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

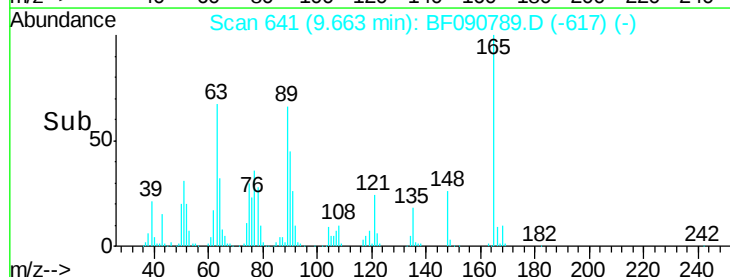
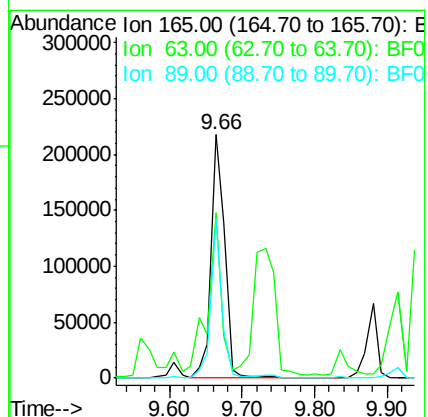
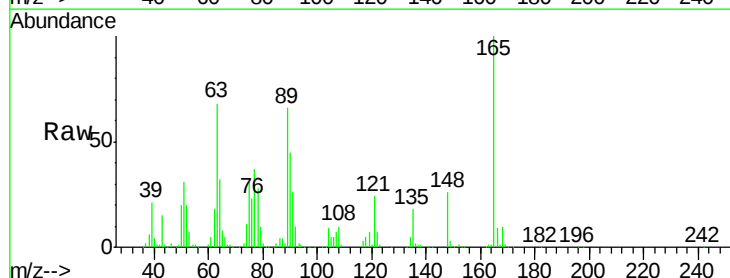
Tgt Ion:165 Resp: 283372

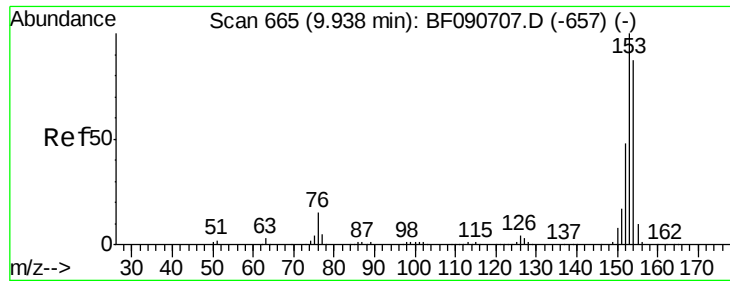
Ion Ratio Lower Upper

165 100

63 67.9 32.3 48.5#

89 65.6 28.6 43.0#





#51

Acenaphthene

Concen: 38.14 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

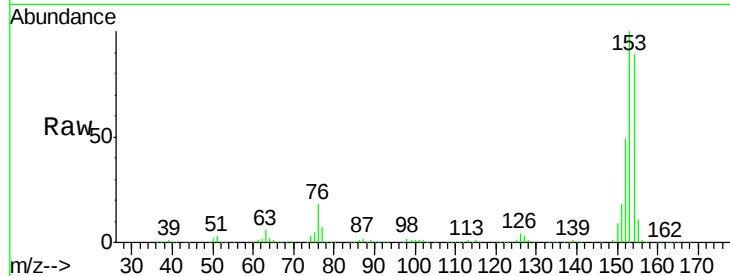
Tot Ion:154 Resp: 1158697

Ion Ratio Lower Upper

154 100

153 112.9 82.1 123.1

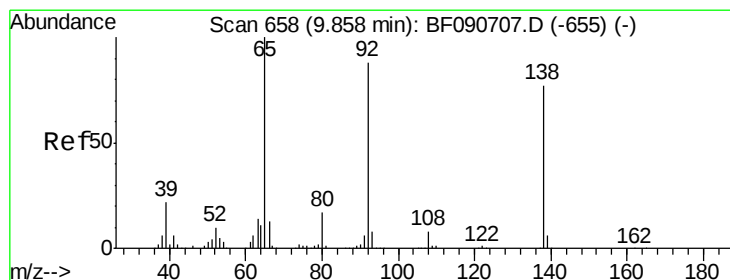
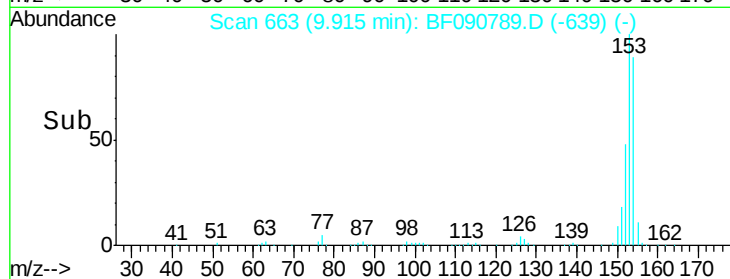
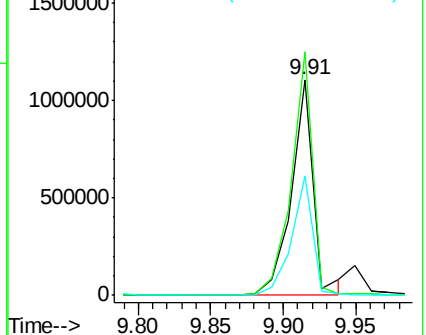
152 55.2 37.9 56.9



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: 22.77 ng

RT: 9.83 min Scan# 656

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

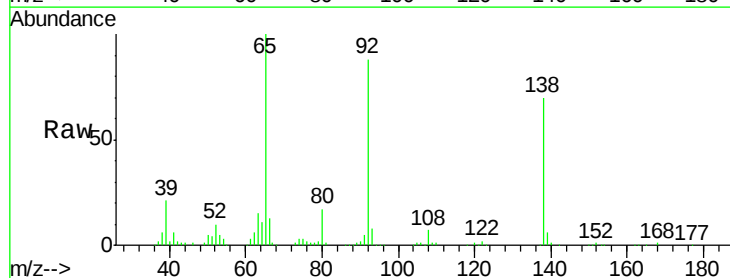
Tgt Ion:138 Resp: 181714

Ion Ratio Lower Upper

138 100

108 10.3 5.7 8.5#

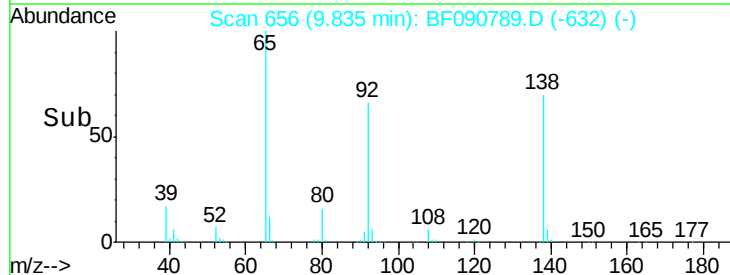
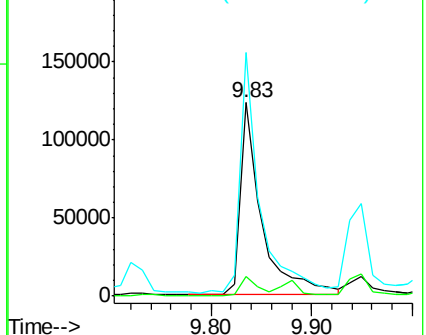
92 125.9 67.7 101.5#

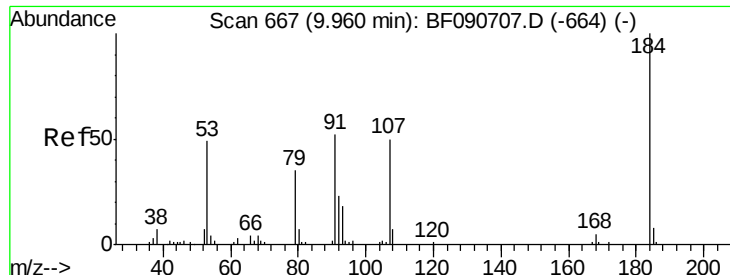


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

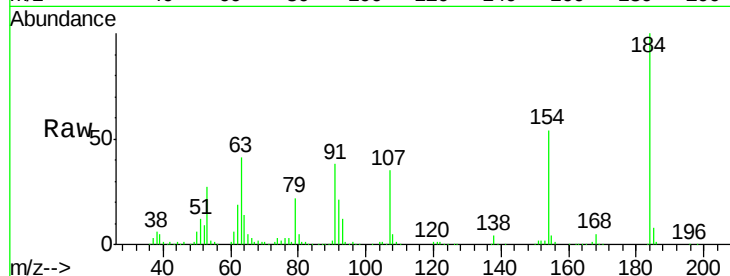




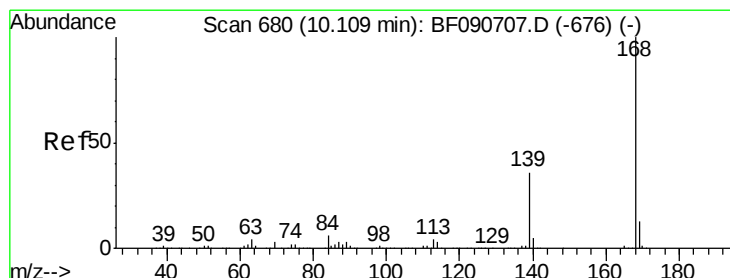
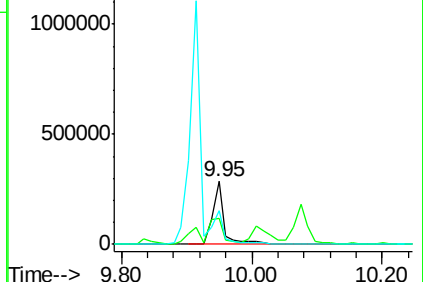
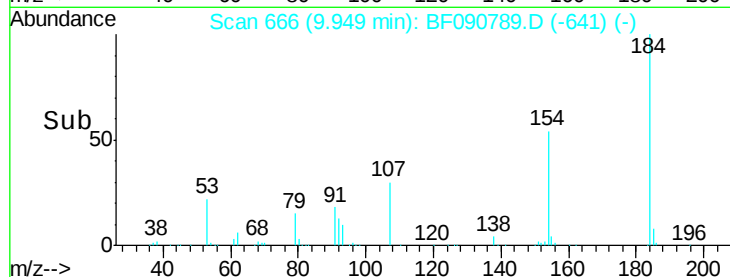
#53
2,4-Dinitrophenol
Concen: 85.83 ng
RT: 9.95 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampled :
PB94262BS

Tot Ion:184 Resp: 354239
Ion Ratio Lower Upper
184 100
63 40.8 35.4 53.2
154 54.1 32.2 48.4#

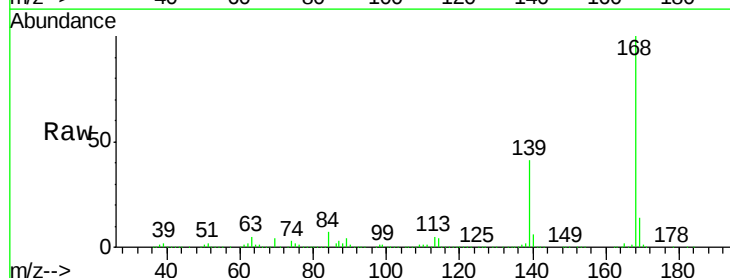


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

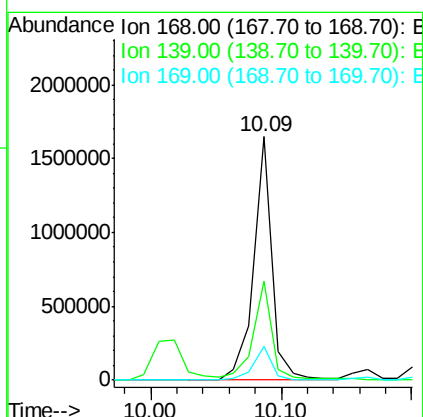
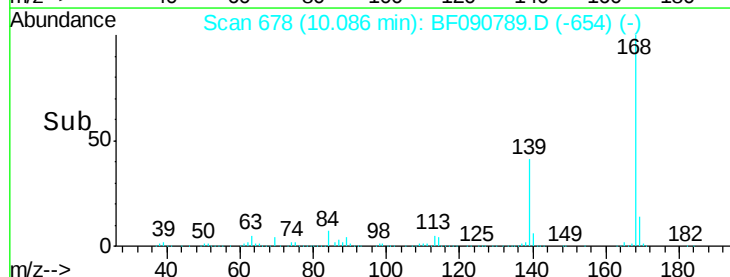


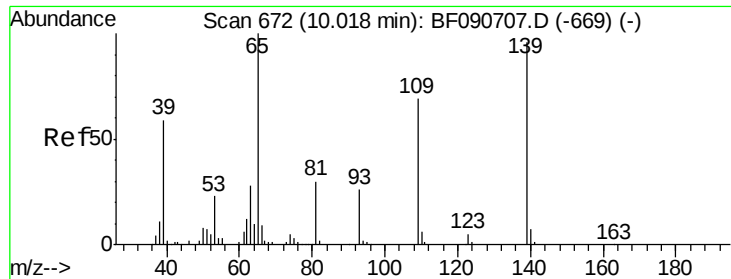
#54
Dibenzofuran
Concen: 43.90 ng
RT: 10.09 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:168 Resp: 1615466
Ion Ratio Lower Upper
168 100
139 40.7 24.2 36.2#
169 14.1 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

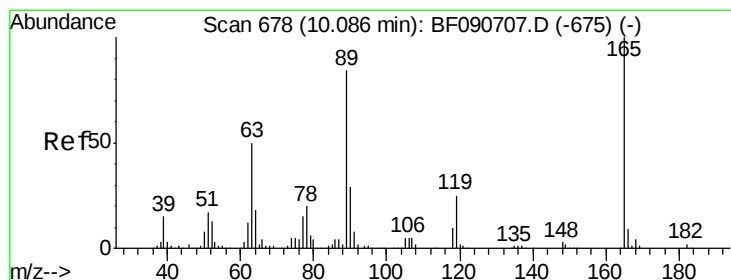
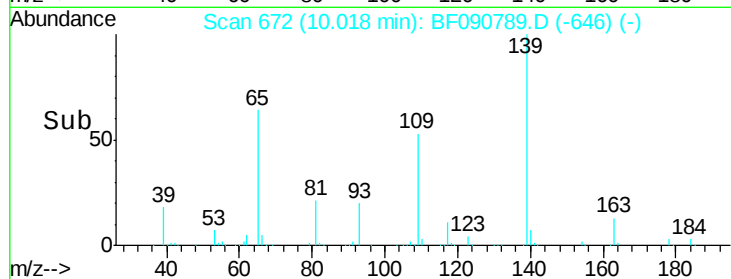
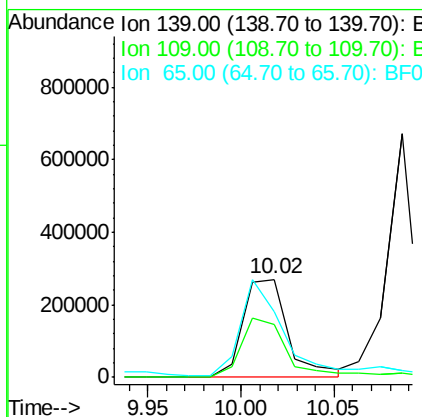
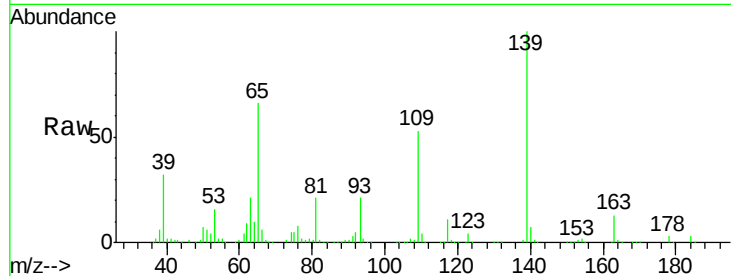




#55
4-Nitrophenol
Concen: 93.51 ng
RT: 10.02 min Scan# 672
Delta R.T. 0.00 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

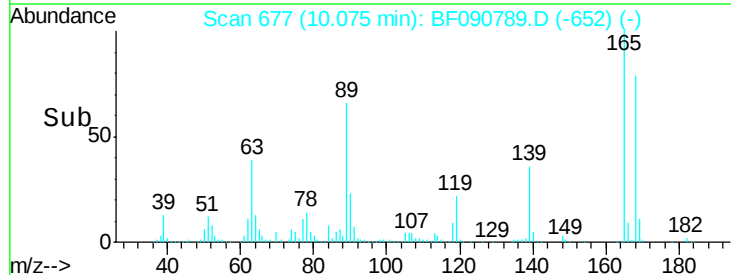
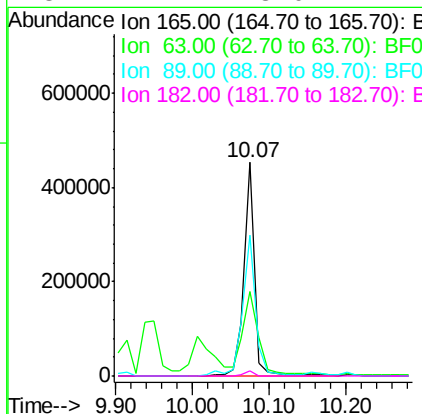
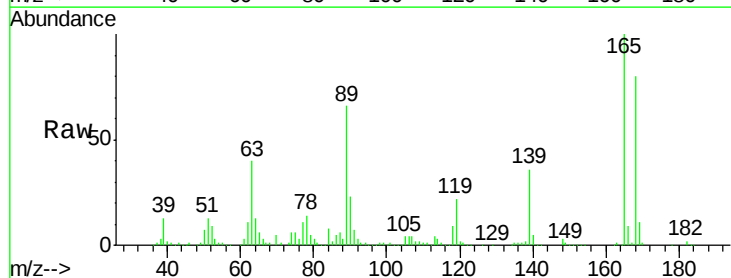
Instrument :
BNA_F
ClientSampleId :
PB94262BS

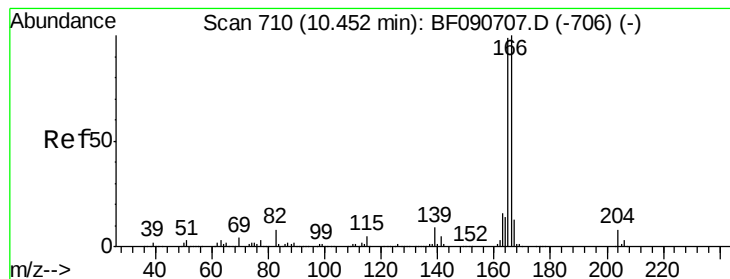
Tot Ion:139 Resp: 463748
Ion Ratio Lower Upper
139 100
109 53.2 12.7 52.7#
65 66.4 45.9 85.9



#56
2,4-Dinitrotoluene
Concen: 51.78 ng
RT: 10.07 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:165 Resp: 439357
Ion Ratio Lower Upper
165 100
63 39.8 29.8 44.6
89 66.2 44.5 66.7
182 2.2 3.0 4.4#





#57

Fluorene

Concen: 42.04 ng

RT: 10.43 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

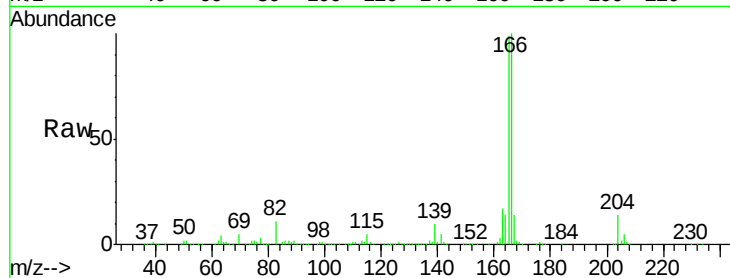
Tot Ion:166 Resp: 1282116

Ion Ratio Lower Upper

166 100

165 99.0 72.6 109.0

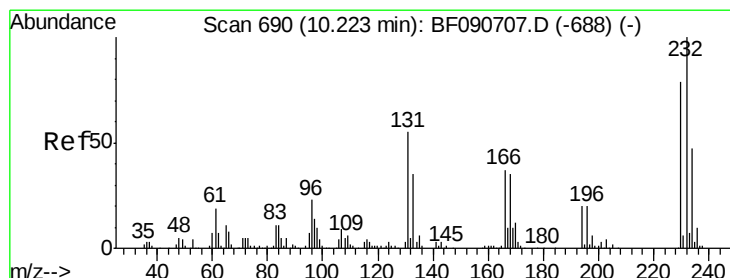
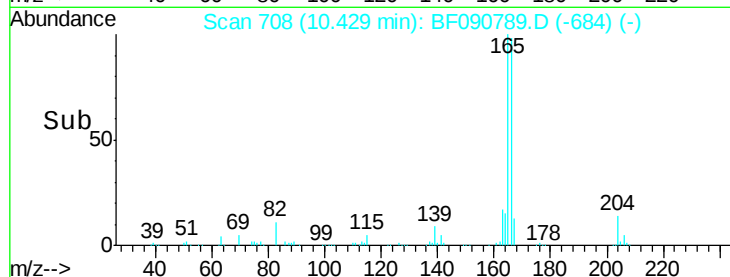
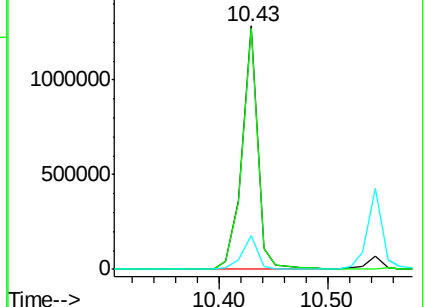
167 14.1 10.6 16.0



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: 46.68 ng

RT: 10.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Tgt Ion:232 Resp: 319802

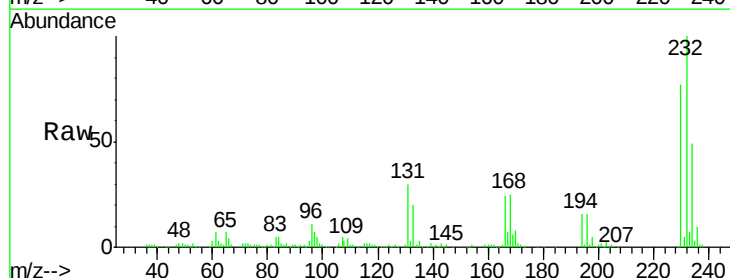
Ion Ratio Lower Upper

232 100

131 49.8 38.5 57.7

130 2.4 1.8 2.6

166 31.9 25.0 37.6

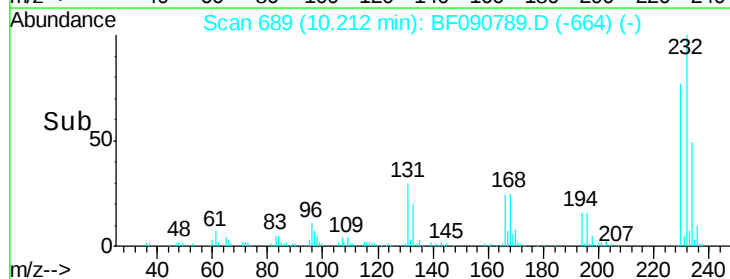
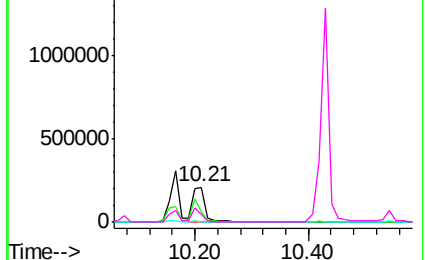


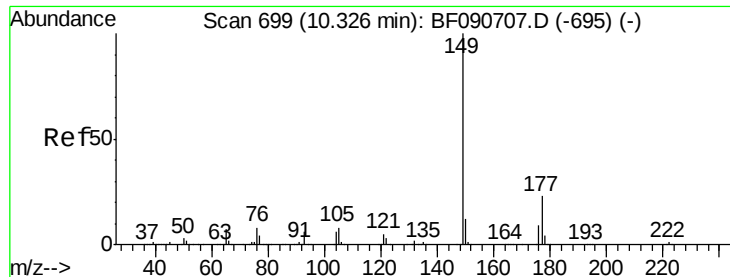
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

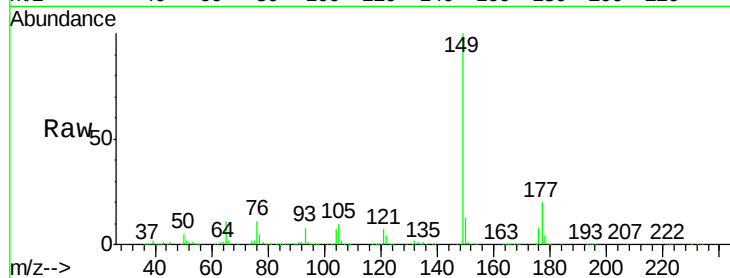




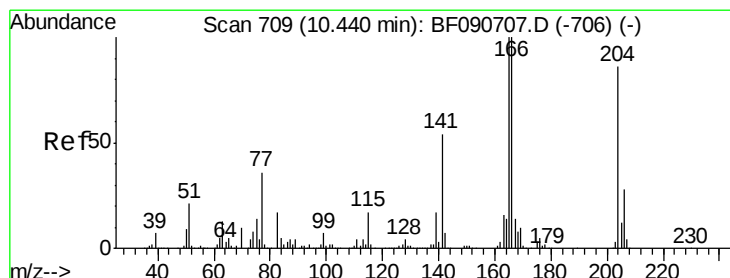
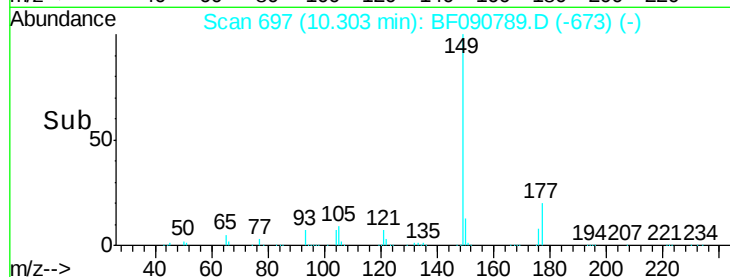
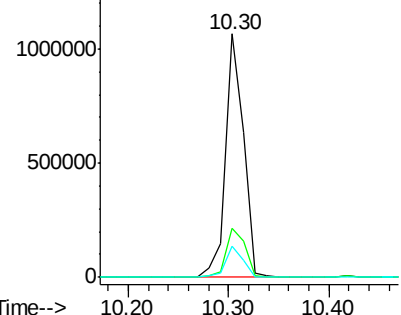
#59
Diethylphthalate
Concen: 39.45 ng
RT: 10.30 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampled :
PB94262BS

Tot Ion:149 Resp: 1320981
Ion Ratio Lower Upper
149 100
177 20.4 17.5 26.3
150 13.0 9.4 14.2

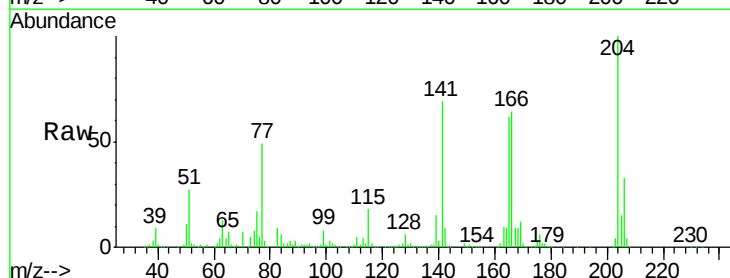


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

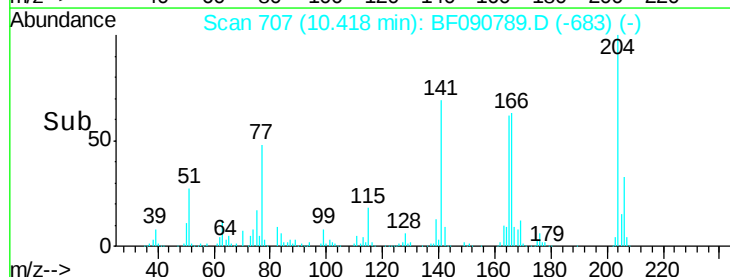
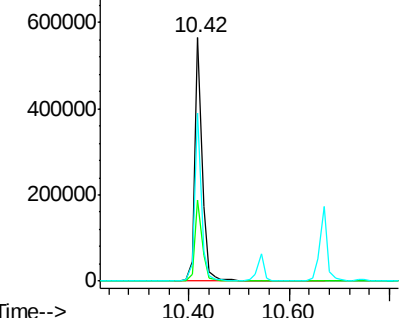


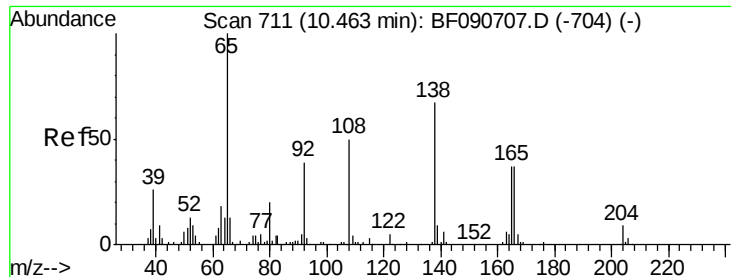
#60
4-Chlorophenyl-phenylether
Concen: 41.70 ng
RT: 10.42 min Scan# 707
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:204 Resp: 581169
Ion Ratio Lower Upper
204 100
206 33.5 24.8 37.2
141 69.1 42.2 63.4#



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

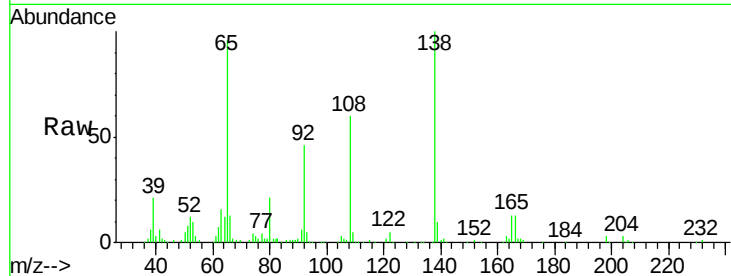




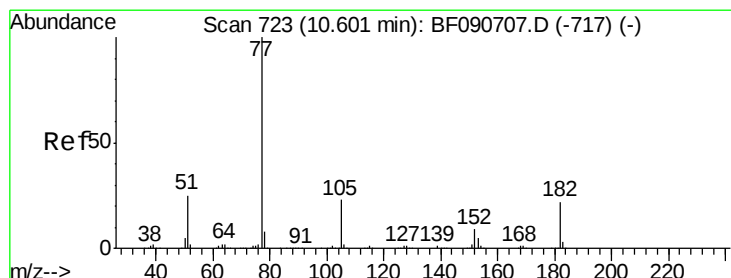
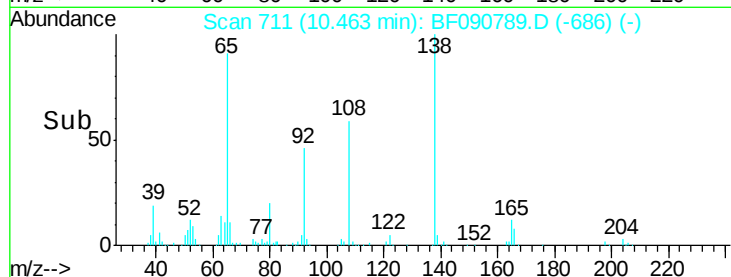
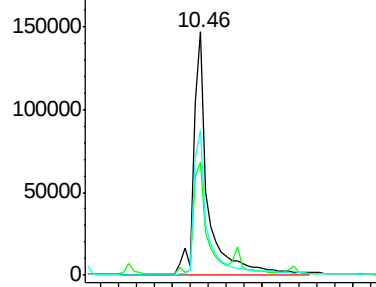
#61
4-Nitroaniline
Concen: 39.40 ng
RT: 10.46 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:138 Resp: 318451
Ion Ratio Lower Upper
138 100
92 46.4 12.6 52.6
108 59.8 12.4 52.4#

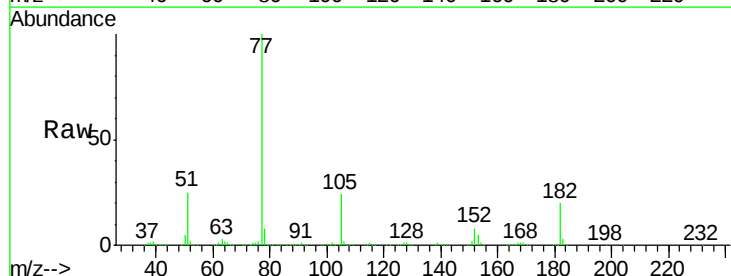


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

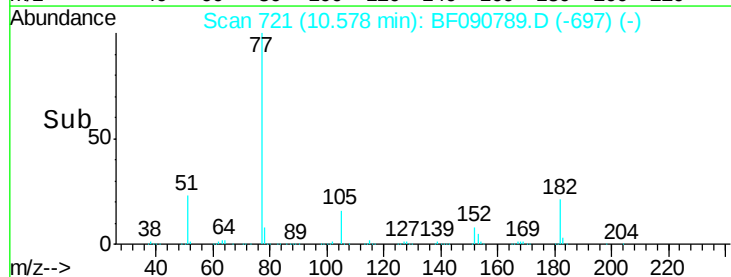
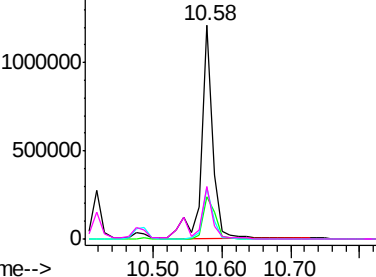


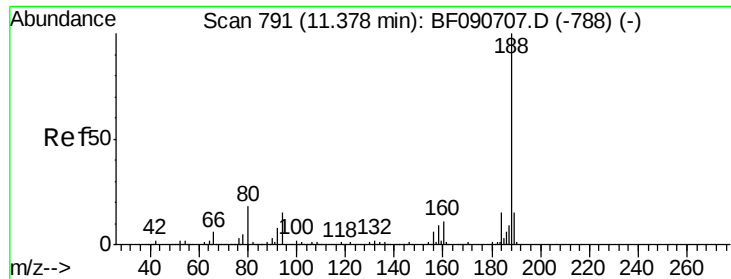
#62
Azobenzene
Concen: 35.96 ng
RT: 10.58 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion: 77 Resp: 1409995
Ion Ratio Lower Upper
77 100
182 19.7 15.1 55.1
105 24.0 3.4 43.4
51 24.5 12.0 52.0



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

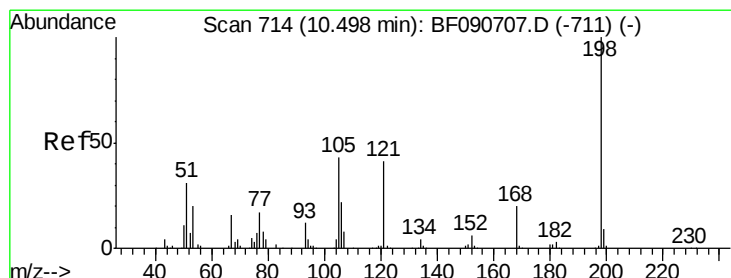
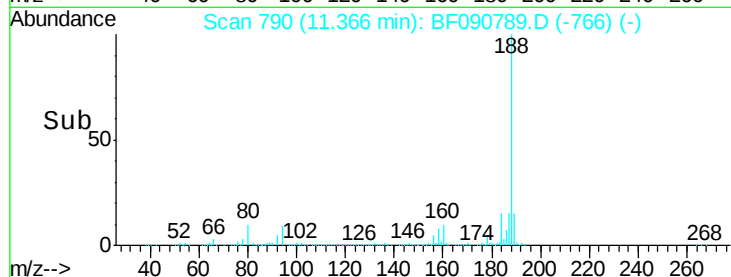
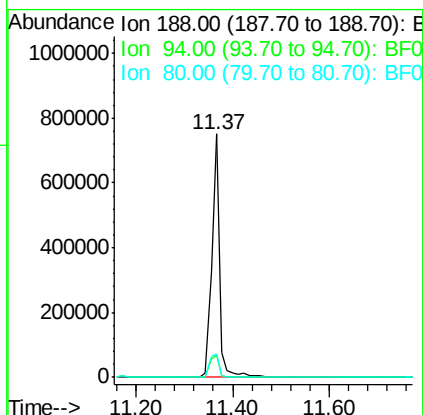
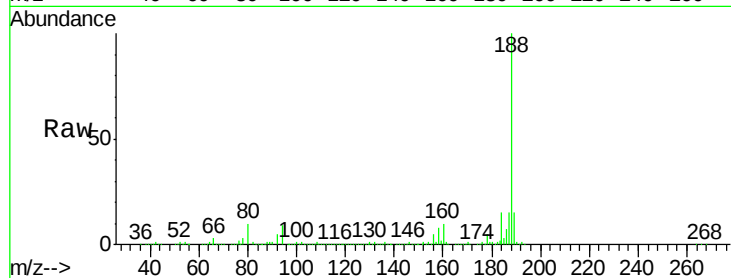




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

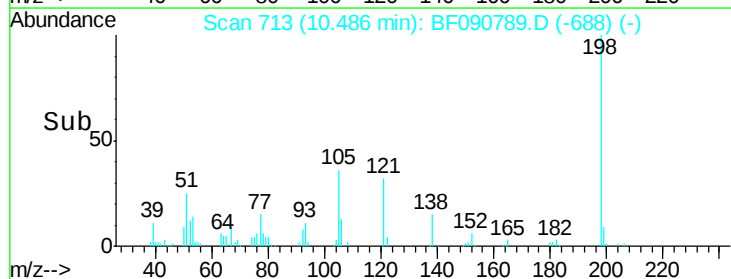
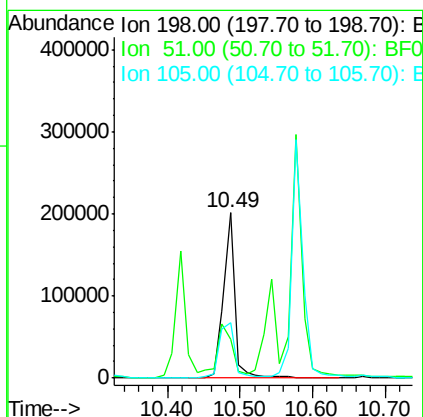
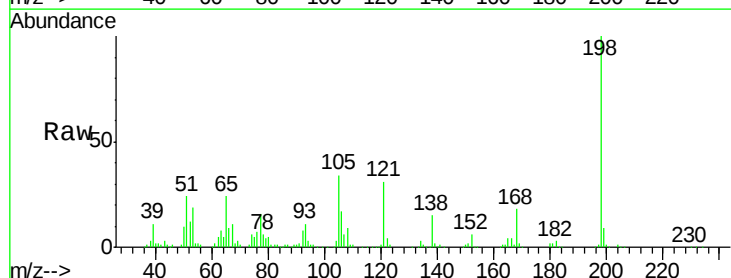
Instrument :
BNA_F
ClientSampleId :
PB94262BS

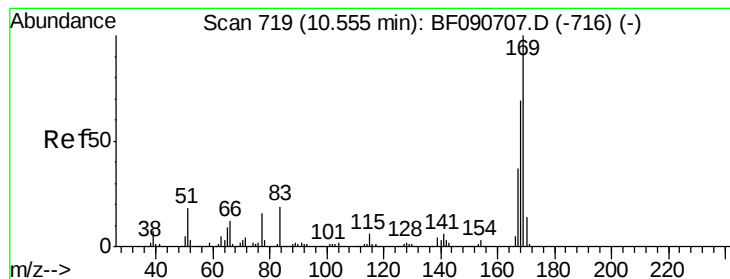
Tot Ion:188 Resp: 858429
Ion Ratio Lower Upper
188 100
94 9.1 11.1 16.7#
80 9.7 11.0 16.4#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.65 ng
RT: 10.49 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:198 Resp: 224923
Ion Ratio Lower Upper
198 100
51 23.5 39.6 79.6#
105 33.6 28.5 68.5





#65

n-Nitrosodiphenylamine

Concen: 40.49 ng

RT: 10.54 min Scan# 718

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

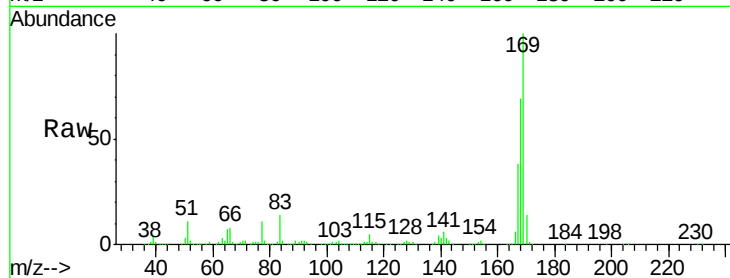
Tot Ion:169 Resp: 1113665

Ion Ratio Lower Upper

169 100

168 69.1 48.9 73.3

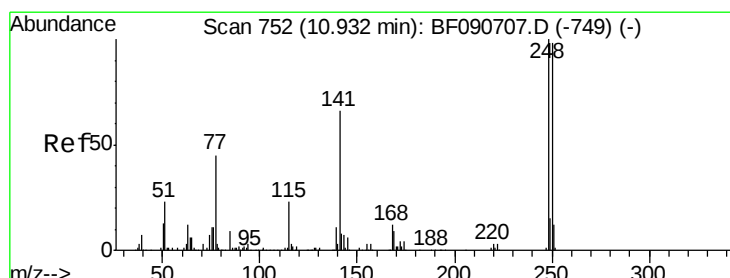
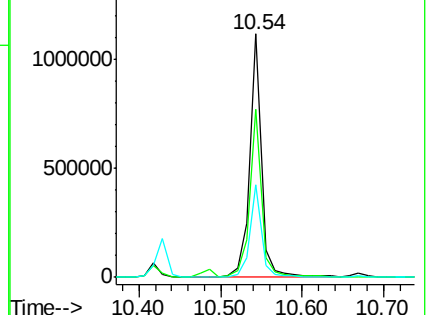
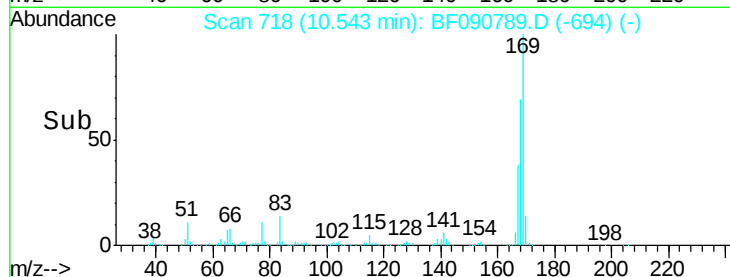
167 38.3 26.2 39.4



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: 44.65 ng

RT: 10.91 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

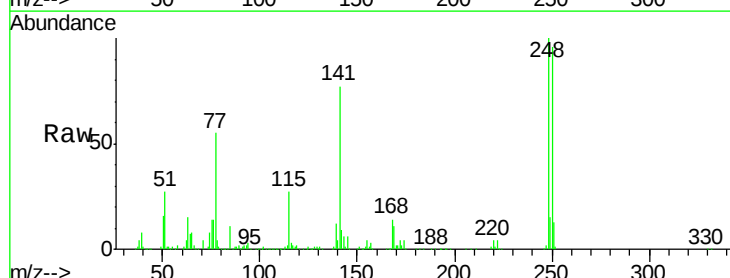
Tgt Ion:248 Resp: 371563

Ion Ratio Lower Upper

248 100

250 96.1 78.5 117.7

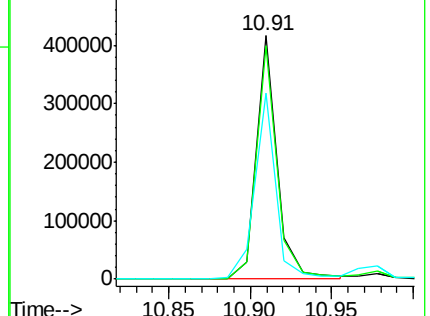
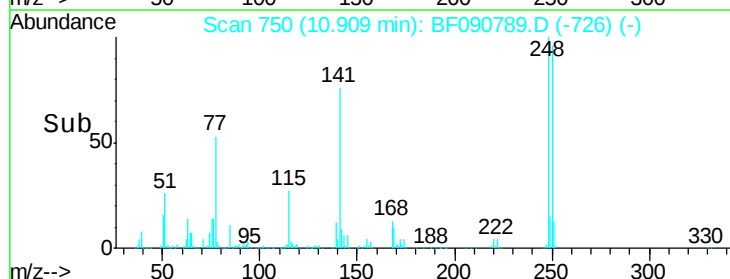
141 76.7 59.0 88.6

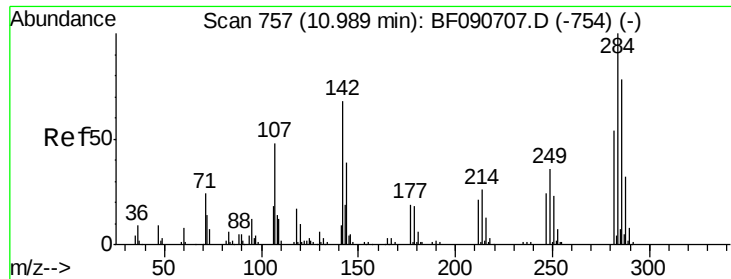


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

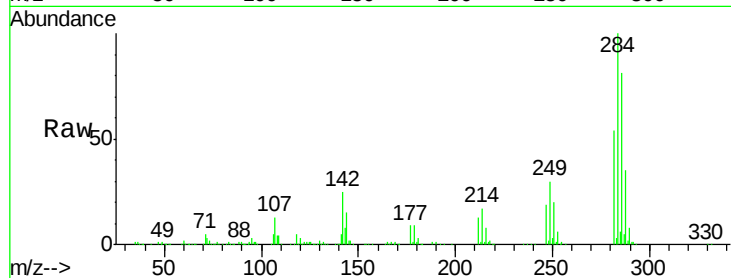




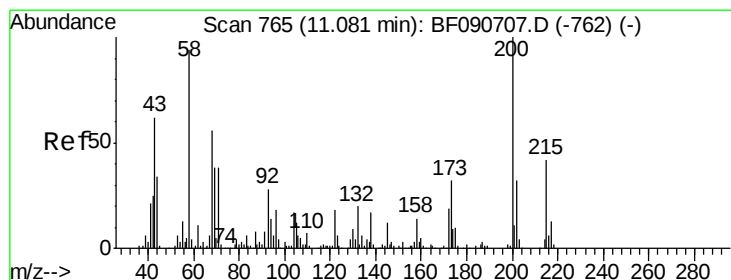
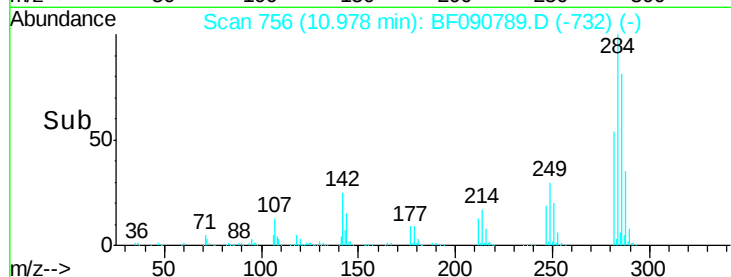
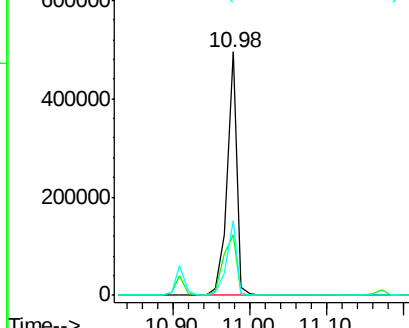
#67
Hexachlorobenzene
Concen: 46.03 ng
RT: 10.98 min Scan# 756
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:284 Resp: 452027
Ion Ratio Lower Upper
284 100
142 25.1 29.5 44.3#
249 30.5 19.5 29.3#

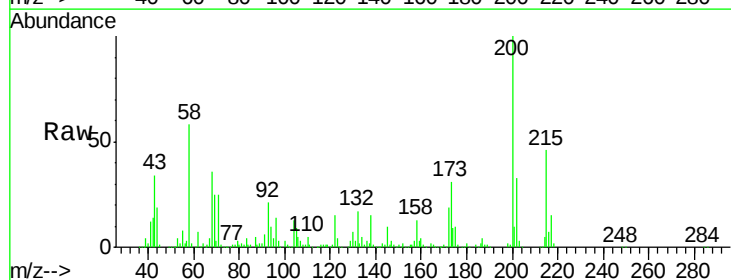


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

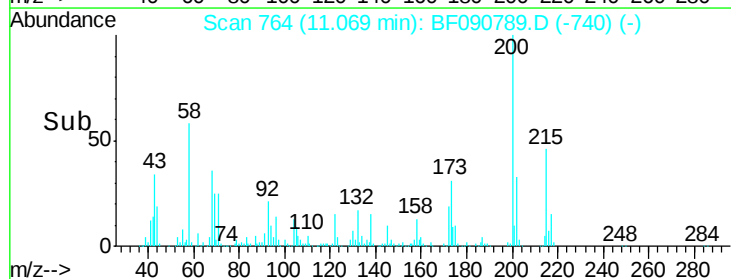
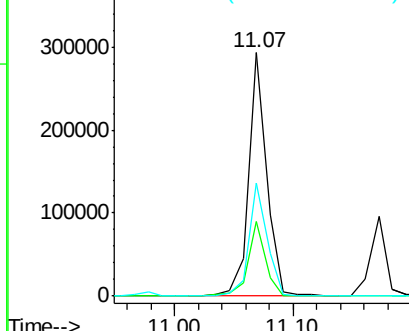


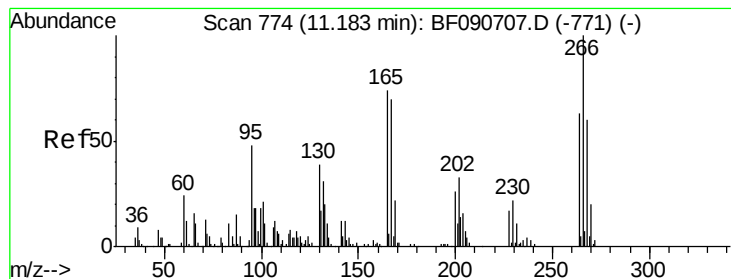
#68
Atrazine
Concen: 40.94 ng
RT: 11.07 min Scan# 764
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:200 Resp: 310734
Ion Ratio Lower Upper
200 100
173 30.7 13.2 53.2
215 46.3 41.8 81.8



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: 76.66 ng

RT: 11.17 min Scan# 773

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

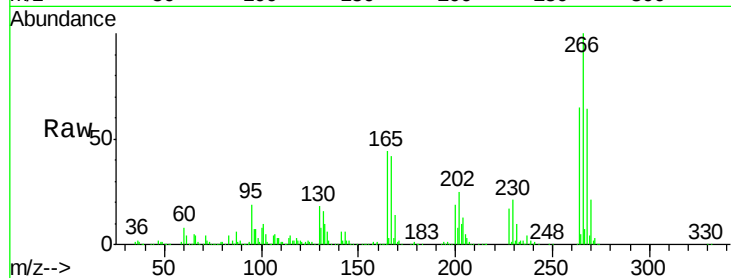
Tot Ion:266 Resp: 467548

Ion Ratio Lower Upper

266 100

268 64.2 49.8 74.6

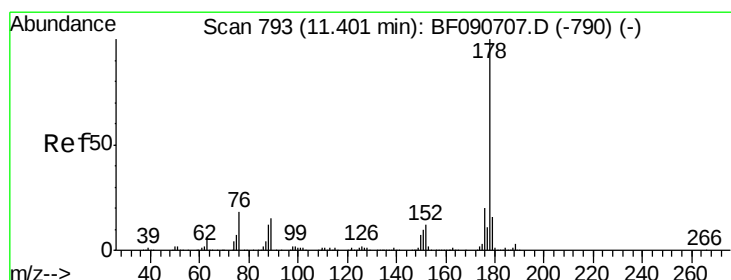
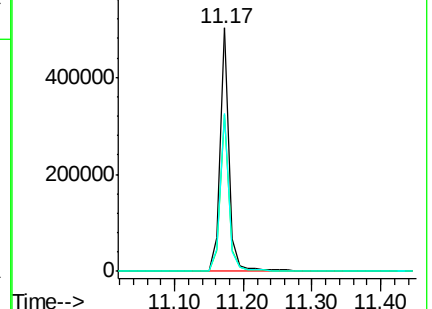
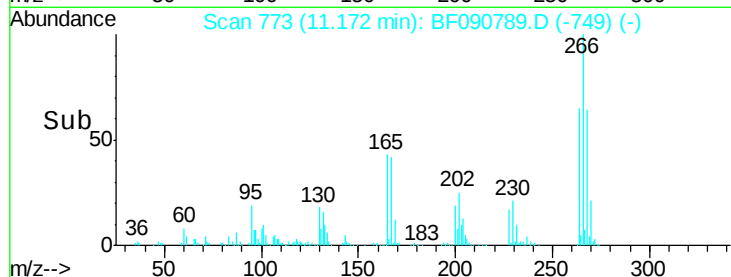
264 64.6 50.2 75.2



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: 42.73 ng

RT: 11.45 min Scan# 797

Delta R.T. 0.03 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

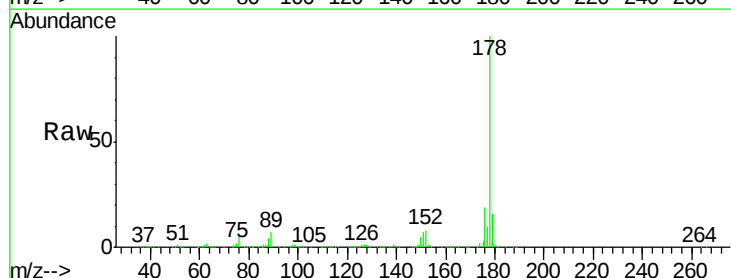
Tgt Ion:178 Resp: 1869794

Ion Ratio Lower Upper

178 100

176 19.3 13.8 20.8

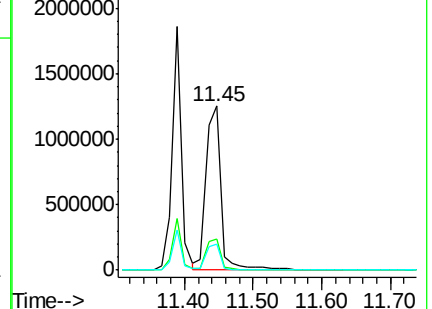
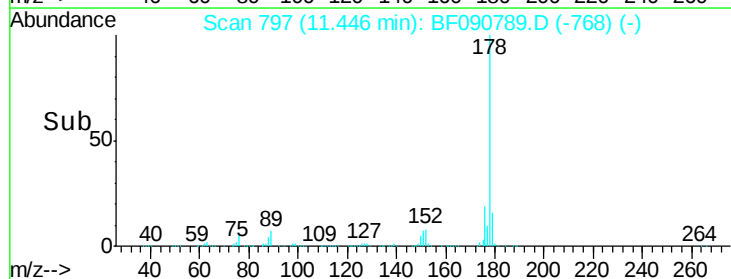
179 15.5 12.2 18.2

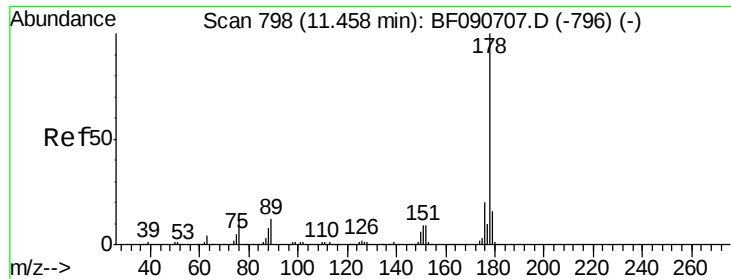


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

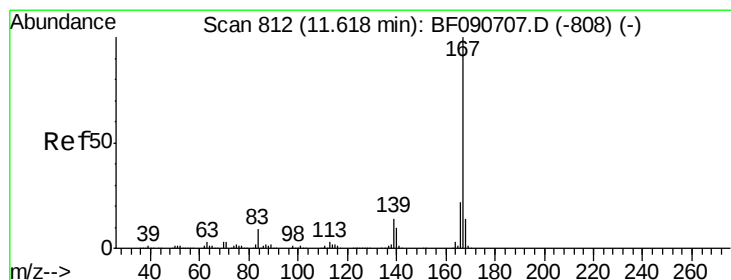
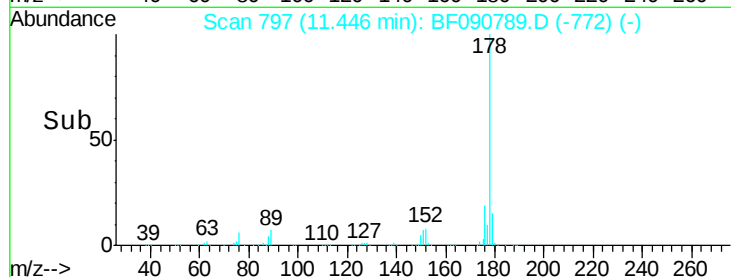
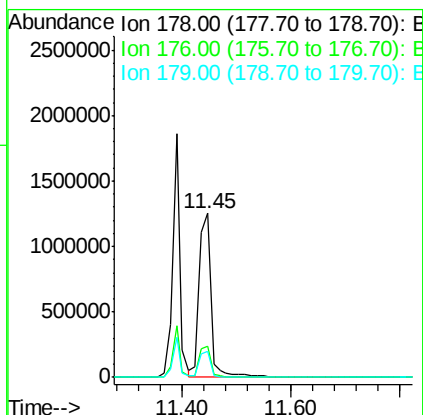
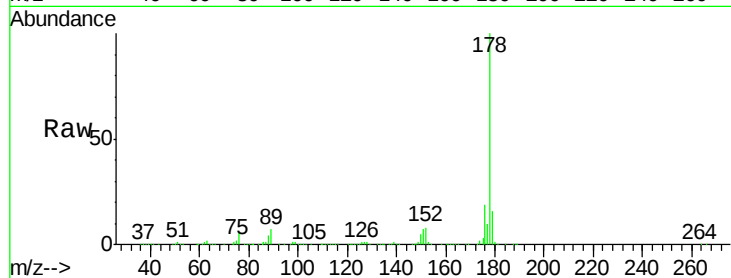




#71
 Anthracene
 Concen: 38.88 ng
 RT: 11.45 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

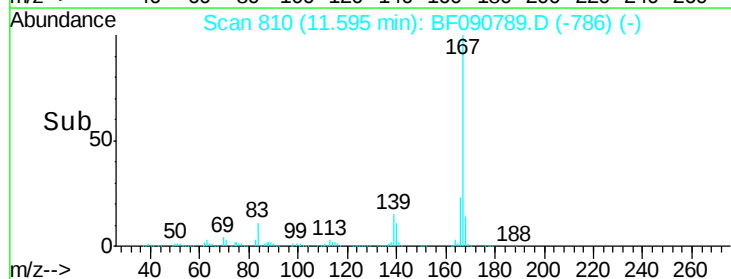
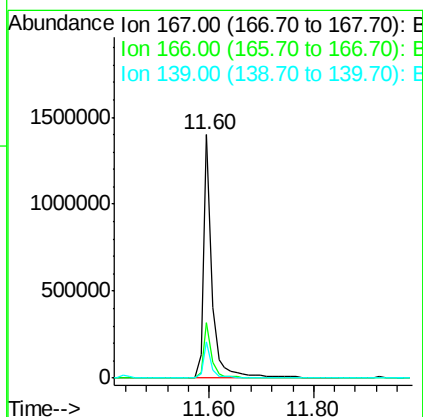
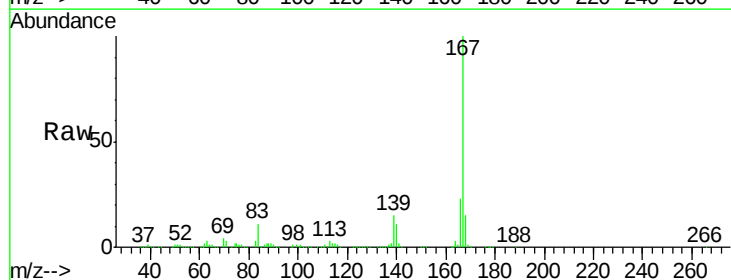
Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

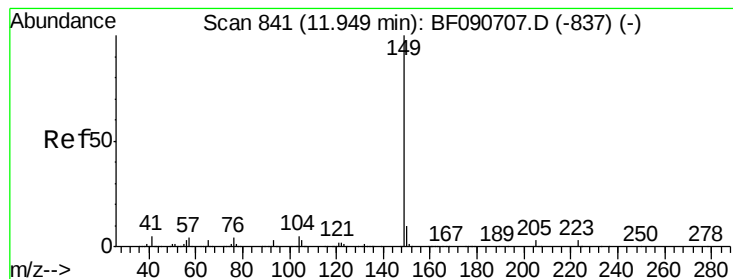
Tot Ion:178 Resp: 1886803
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.1 21.1
 179 15.5 12.2 18.2



#72
 Carbazole
 Concen: 39.74 ng
 RT: 11.60 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:167 Resp: 1612425
 Ion Ratio Lower Upper
 167 100
 166 22.8 15.7 23.5
 139 14.9 9.5 14.3#





#73

Di-n-butylphthalate

Concen: 36.03 ng

RT: 11.93 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

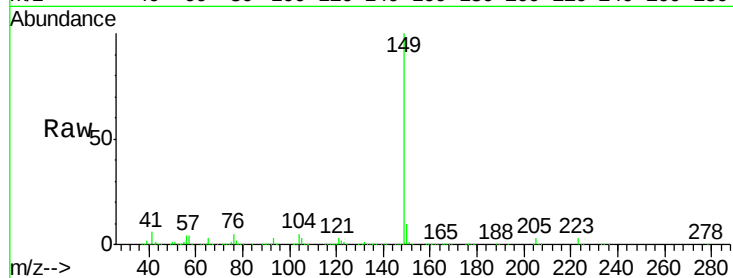
Tot Ion:149 Resp: 1895943

Ion Ratio Lower Upper

149 100

150 10.2 7.4 11.2

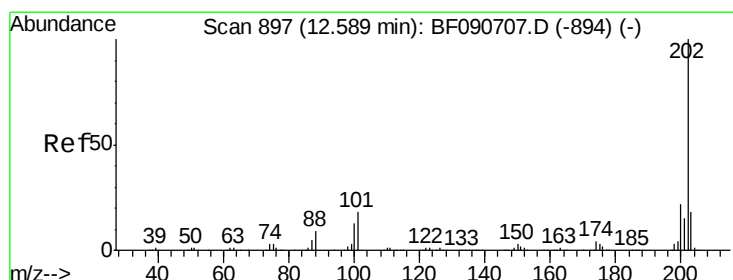
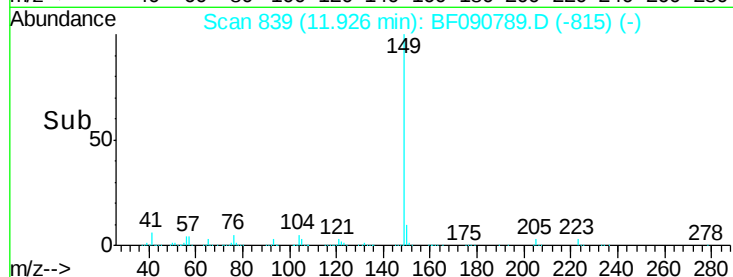
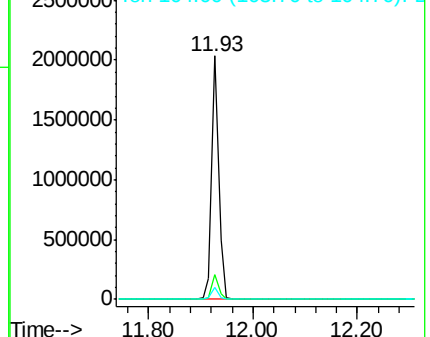
104 5.1 2.4 3.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 46.21 ng

RT: 12.58 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

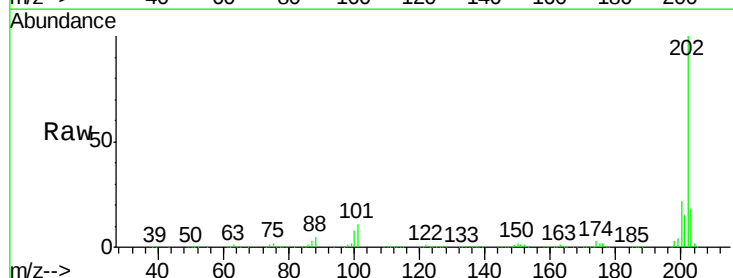
Tgt Ion:202 Resp: 1955934

Ion Ratio Lower Upper

202 100

101 10.6 0.0 38.3

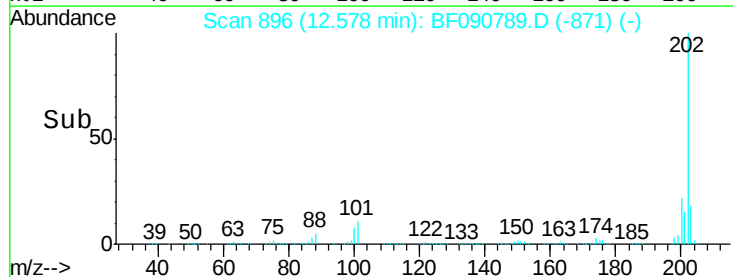
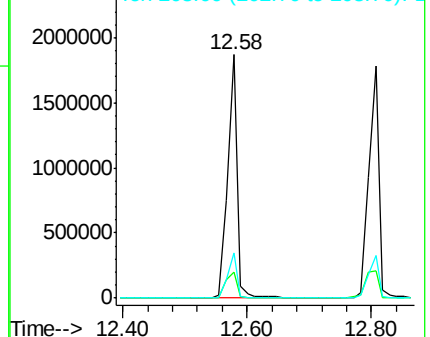
203 18.5 0.0 37.3

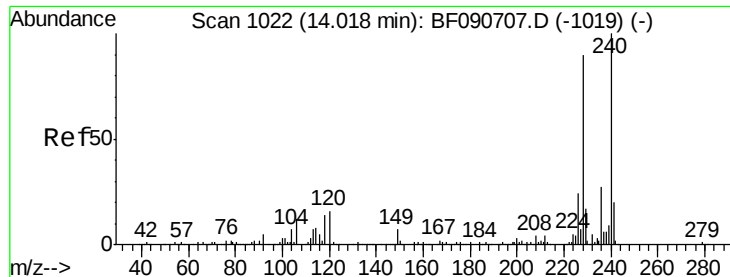


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

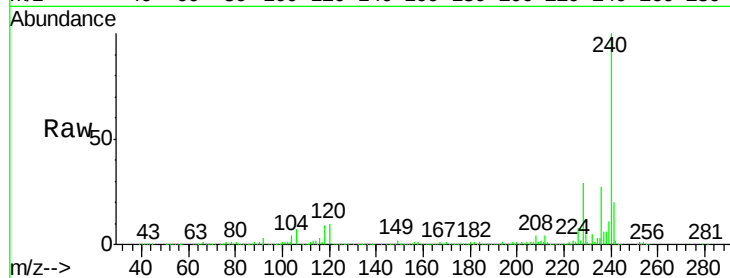
Tot Ion:240 Resp: 704341

Ion Ratio Lower Upper

240 100

120 10.1 16.2 24.2#

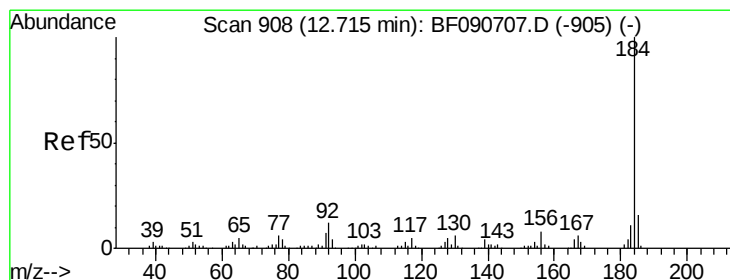
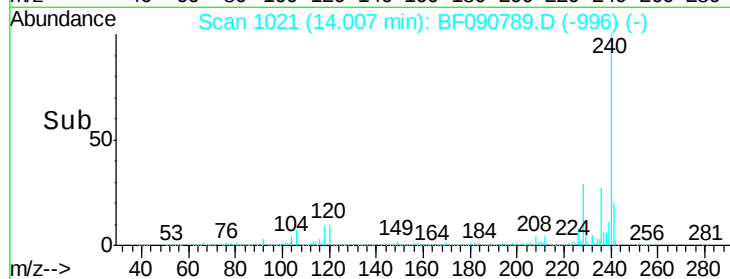
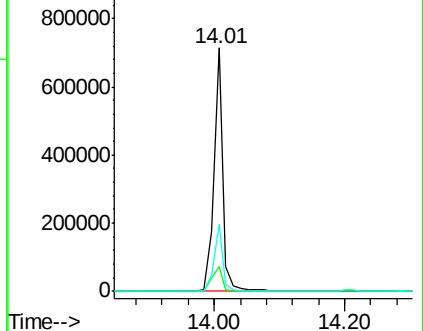
236 27.3 18.4 27.6



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: 24.68 ng

RT: 12.70 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

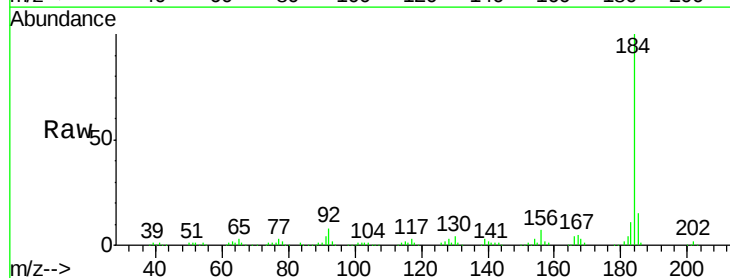
Tgt Ion:184 Resp: 385922

Ion Ratio Lower Upper

184 100

185 15.0 11.8 17.6

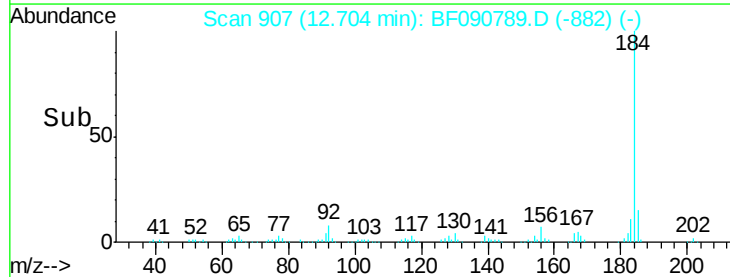
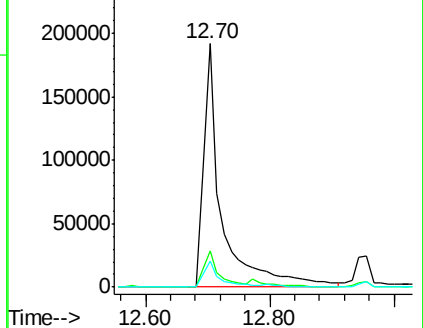
183 10.9 7.6 11.4

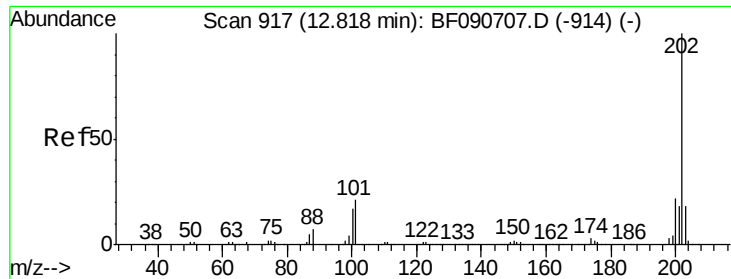


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

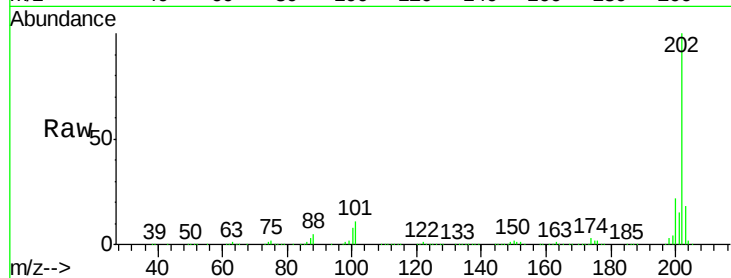




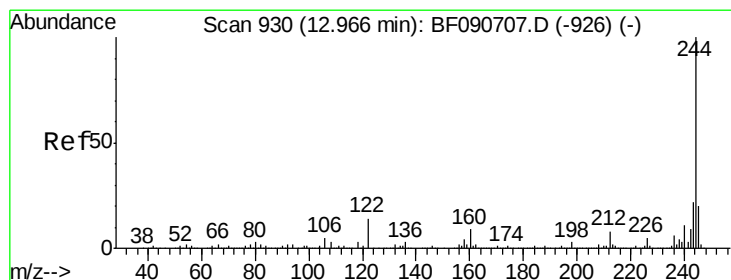
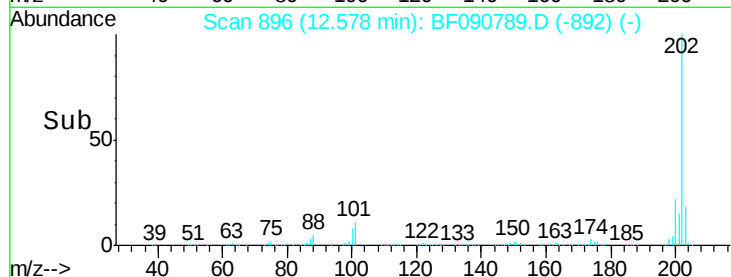
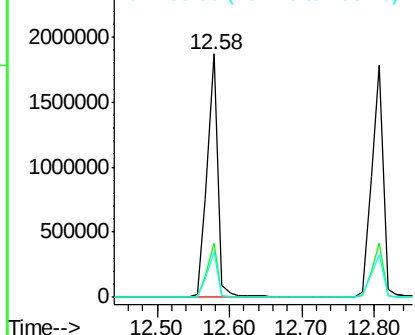
#77
Pvrene
Concen: 39.25 ng
RT: 12.58 min Scan# 896
Delta R.T. -0.25 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:202 Resp: 1930811
Ion Ratio Lower Upper
202 100
200 22.4 15.0 22.4
203 18.5 14.1 21.1

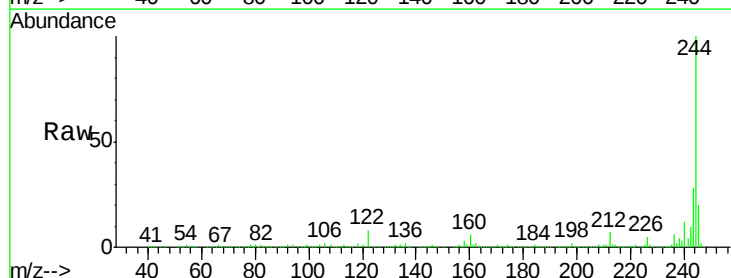


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

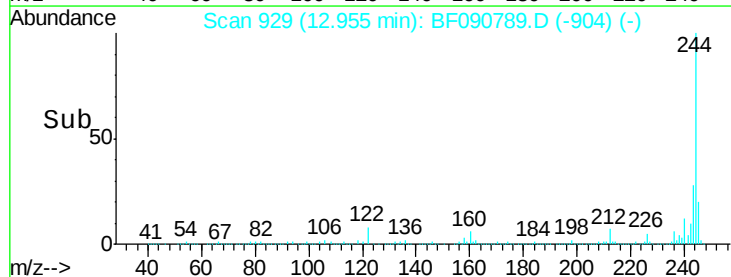
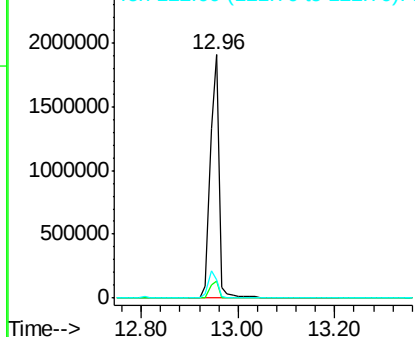


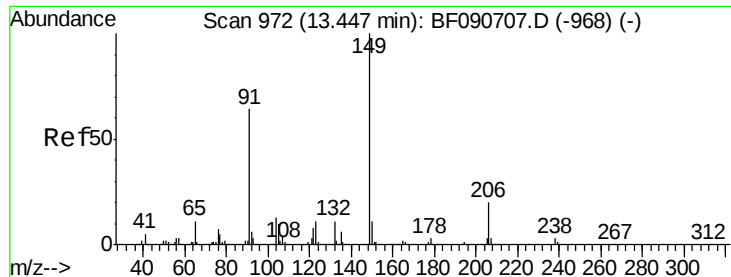
#78
Terphenyl-d14
Concen: 79.91 ng
RT: 12.96 min Scan# 929
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:244 Resp: 2455848
Ion Ratio Lower Upper
244 100
212 6.8 4.3 6.5#
122 7.7 17.4 26.2#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

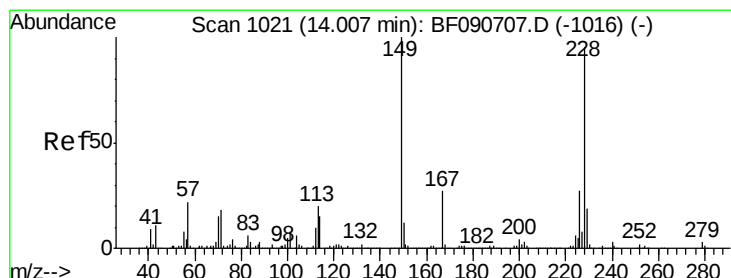
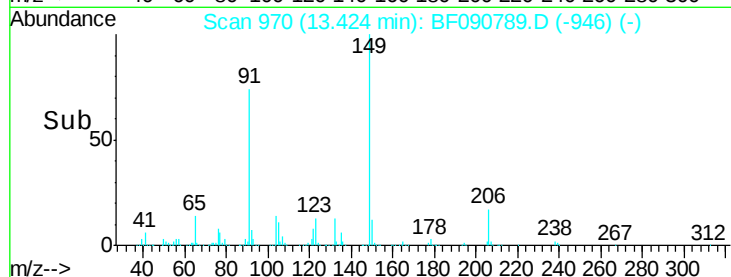
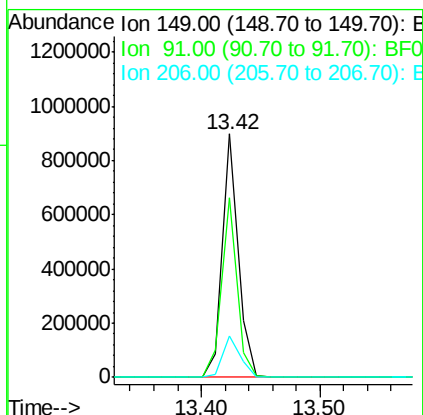
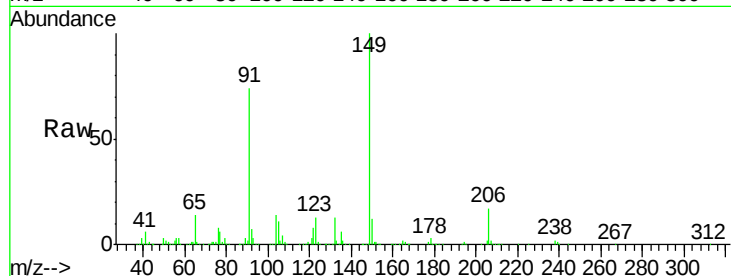




#79
Butylbenzylphthalate
Concen: 36.96 ng
RT: 13.42 min Scan# 970
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

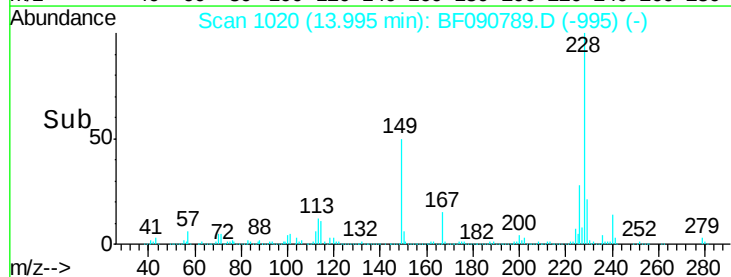
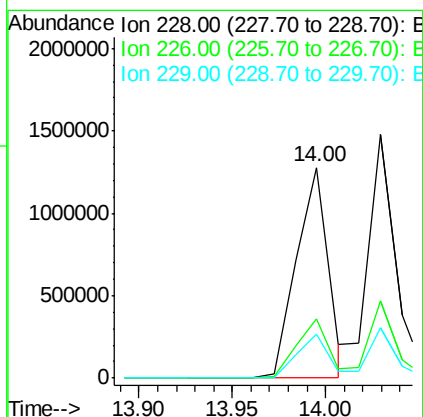
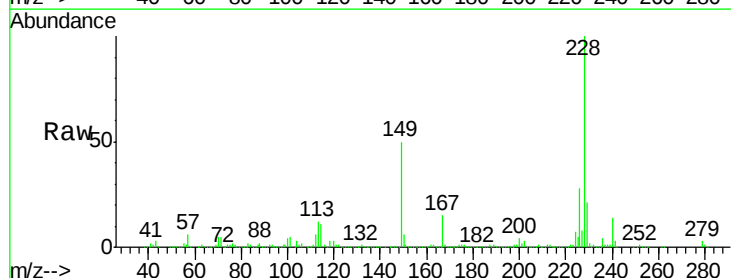
Instrument :
BNA_F
ClientSampleId :
PB94262BS

Tot Ion:149 Resp: 835848
Ion Ratio Lower Upper
149 100
91 73.7 48.6 72.8#
206 17.2 14.9 22.3



#80
Benzo(a)anthracene
Concen: 39.57 ng
RT: 14.00 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:228 Resp: 1525307
Ion Ratio Lower Upper
228 100
226 28.4 20.0 30.0
229 20.7 15.4 23.2





#81

3,3'-Dichlorobenzidine

Concen: 24.46 ng

RT: 13.96 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

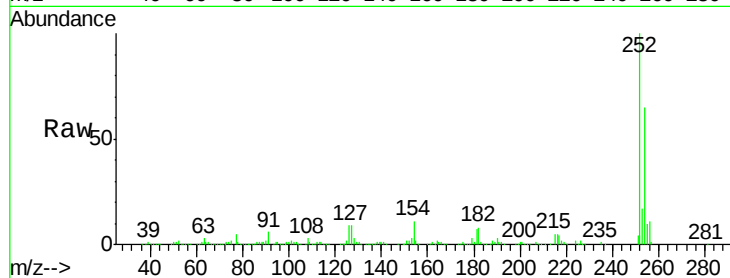
Tot Ion:252 Resp: 326691

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.2

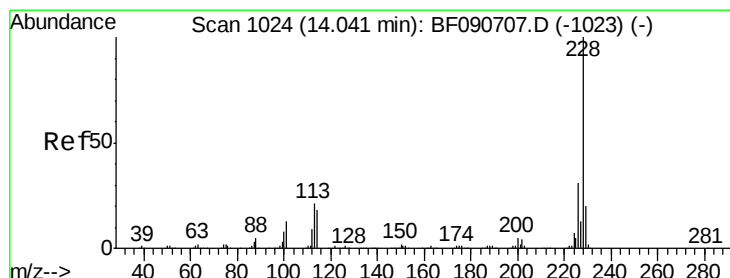
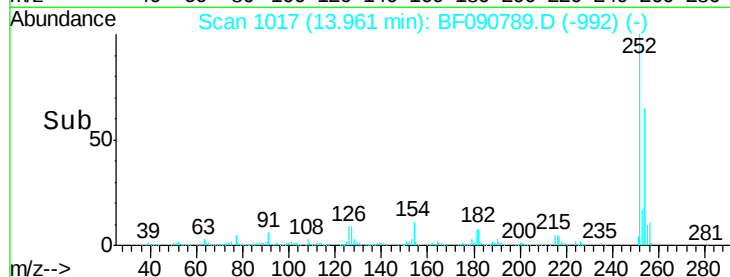
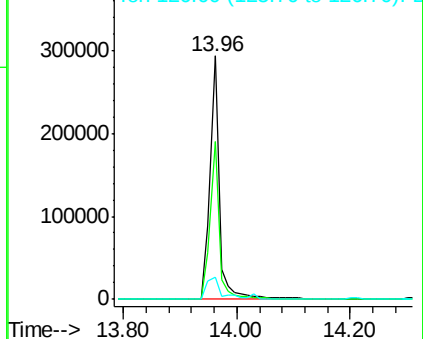
126 9.0 16.4 24.6#



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: 40.55 ng

RT: 14.00 min Scan# 1020

Delta R.T. -0.06 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

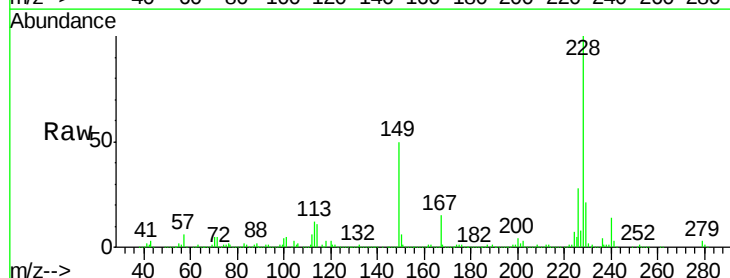
Tgt Ion:228 Resp: 1525307

Ion Ratio Lower Upper

228 100

226 28.4 21.0 31.4

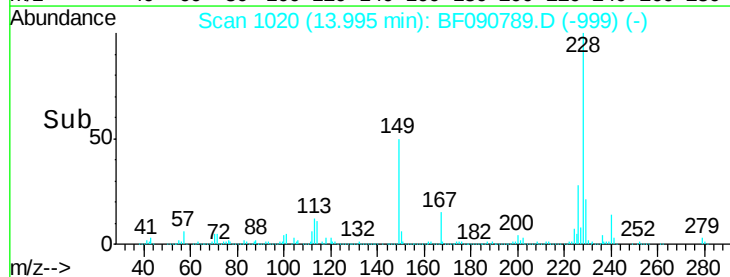
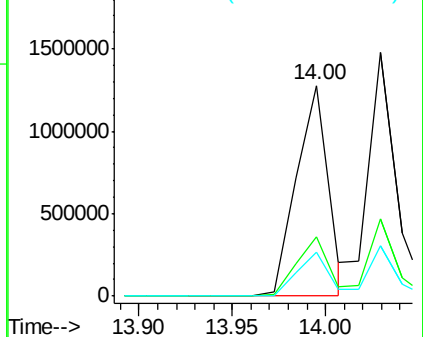
229 20.7 15.6 23.4

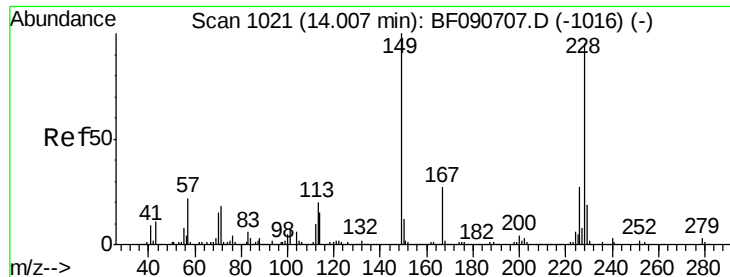


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.85 ng

RT: 13.98 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

Instrument :

BNA_F

ClientSampleId :

PB94262BS

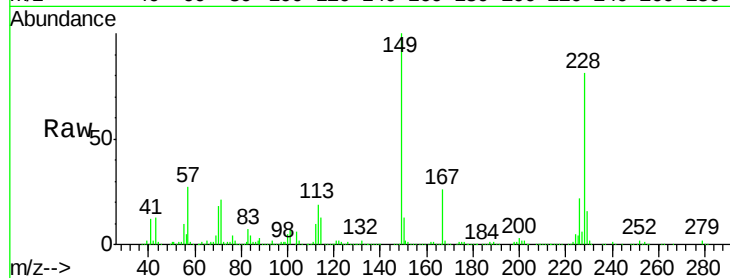
Tot Ion:149 Resp: 1094982

Ion Ratio Lower Upper

149 100

167 26.0 24.2 36.2

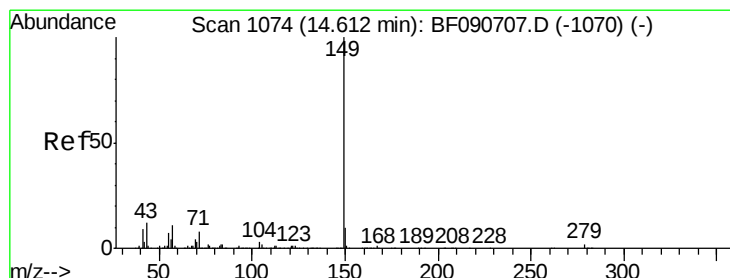
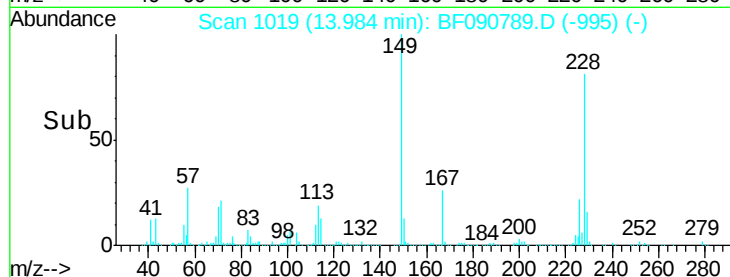
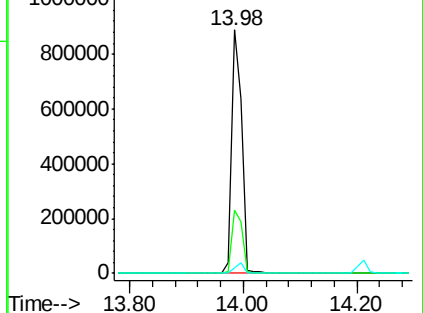
279 2.1 3.8 5.6#



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: 36.47 ng

RT: 14.60 min Scan# 1073

Delta R.T. -0.01 min

Lab File: BF090789.D

Acq: 24 Oct 2016 15:38

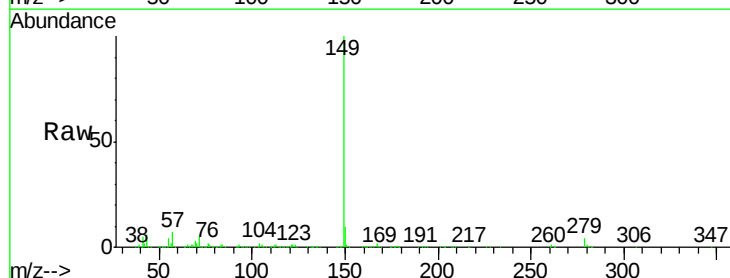
Tgt Ion:149 Resp: 1790785

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

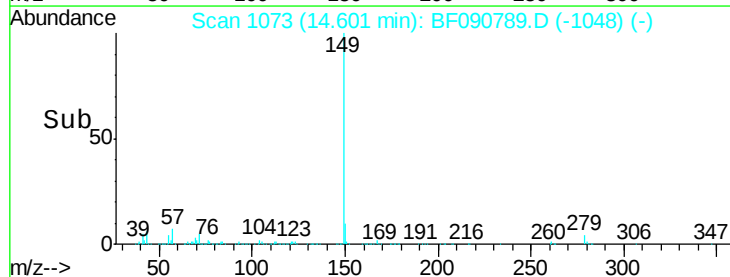
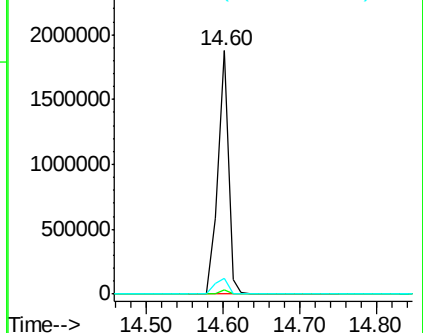
43 8.0 10.2 15.2#

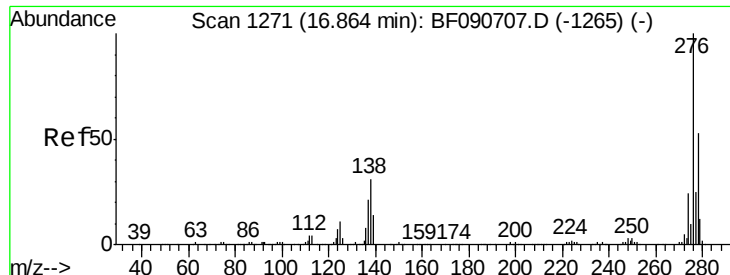


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

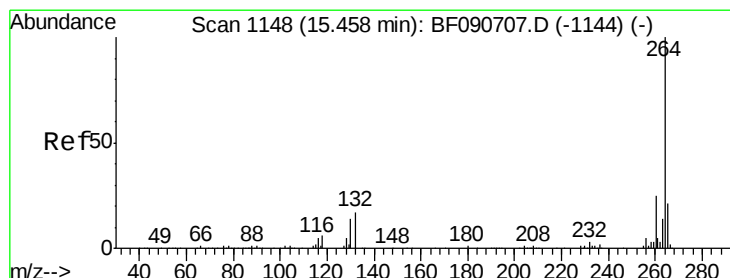
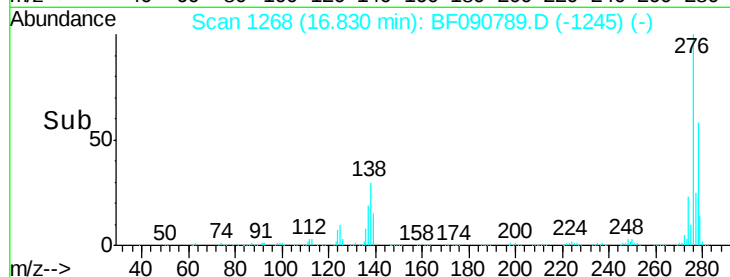
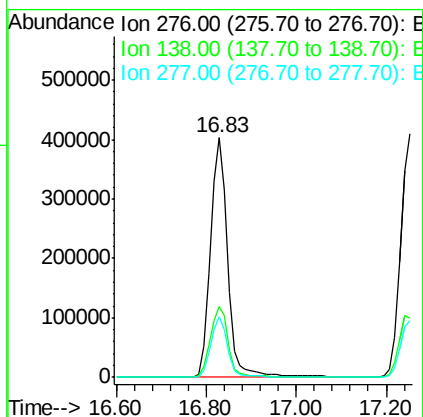
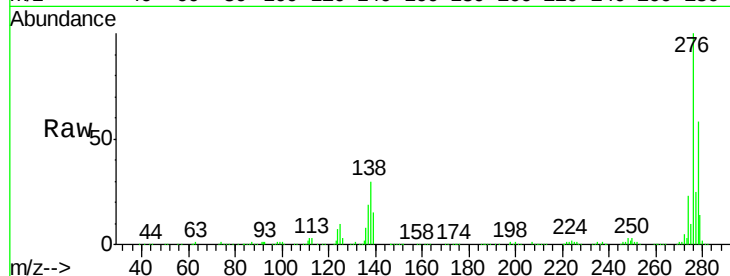




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 32.86 ng
 RT: 16.83 min Scan# 1268
 Delta R.T. -0.03 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

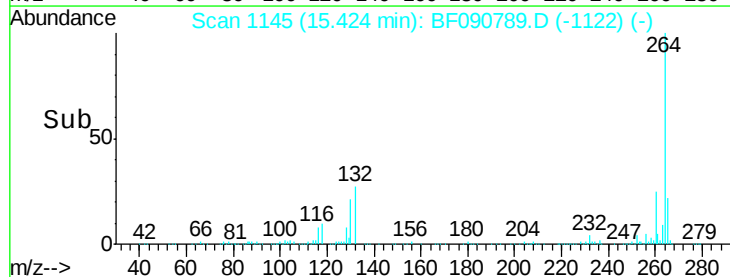
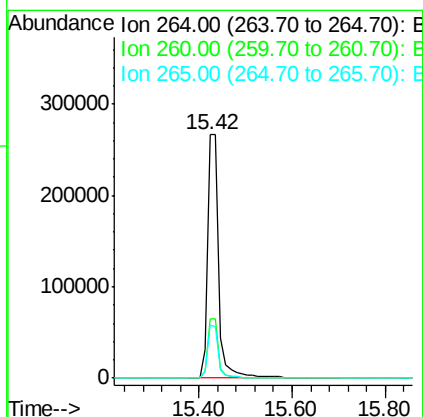
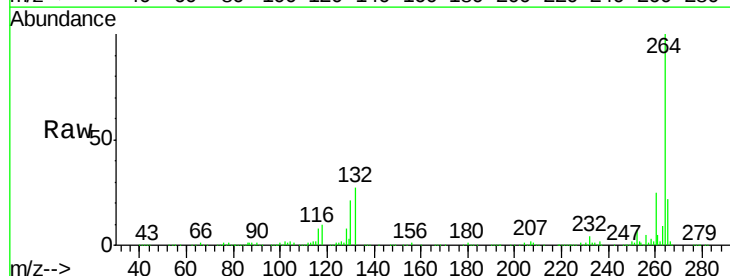
Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

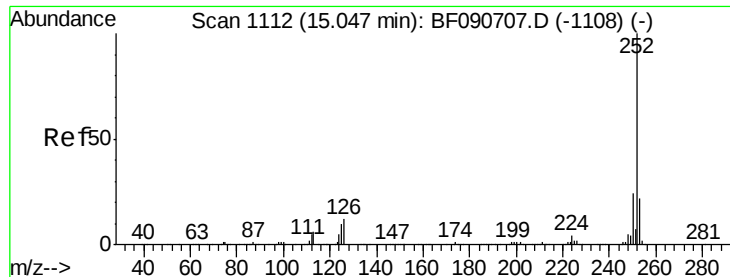
Tot Ion:276 Resp: 1078310
 Ion Ratio Lower Upper
 276 100
 138 31.1 25.7 38.5
 277 25.1 15.6 23.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1145
 Delta R.T. -0.03 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Tgt Ion:264 Resp: 455808
 Ion Ratio Lower Upper
 264 100
 260 24.6 16.7 25.1
 265 21.9 17.2 25.8

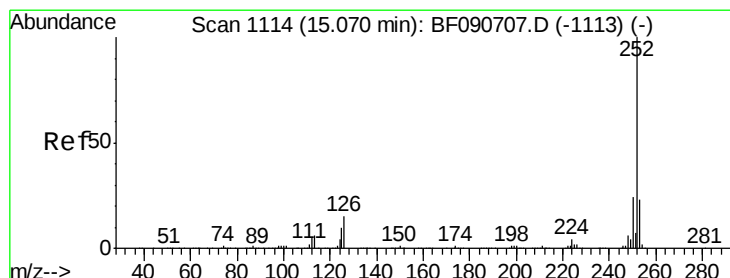
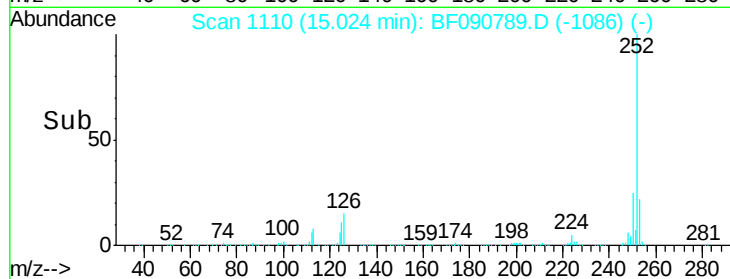
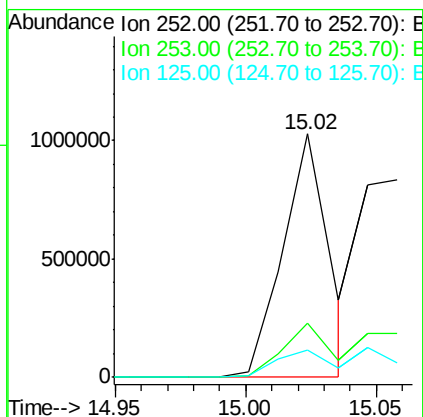
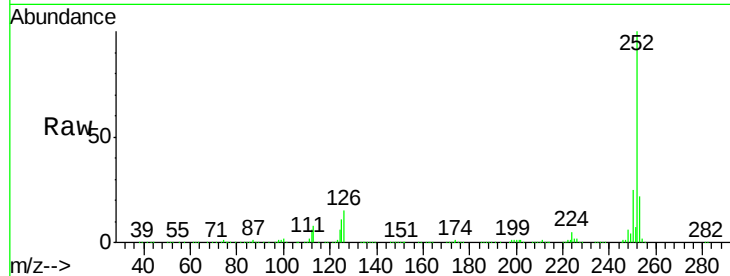




#87
Benzo(b)fluoranthene
Concen: 44.56 ng
RT: 15.02 min Scan# 1110
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

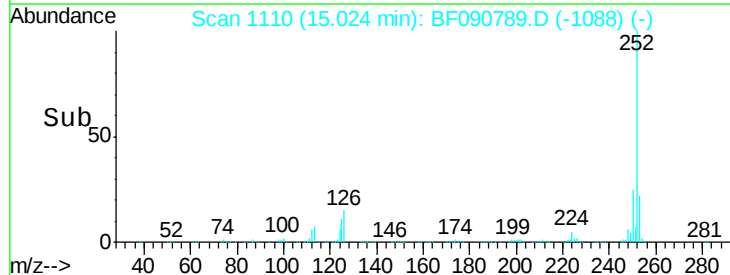
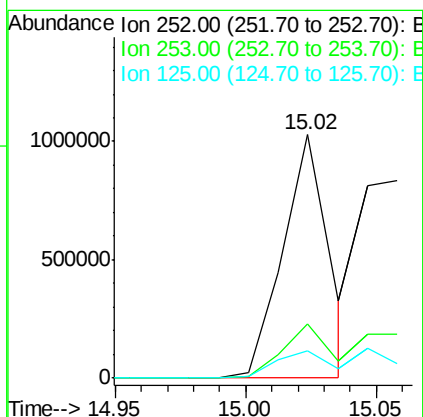
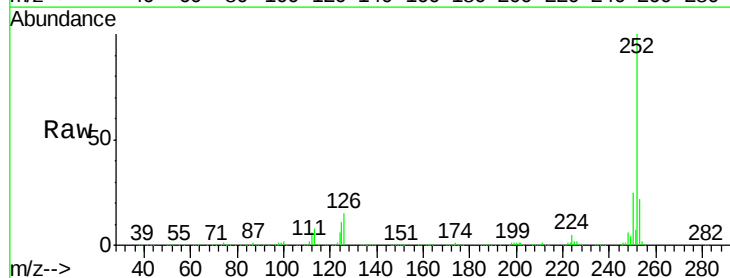
Instrument :
BNA_F
ClientSampled :
PB94262BS

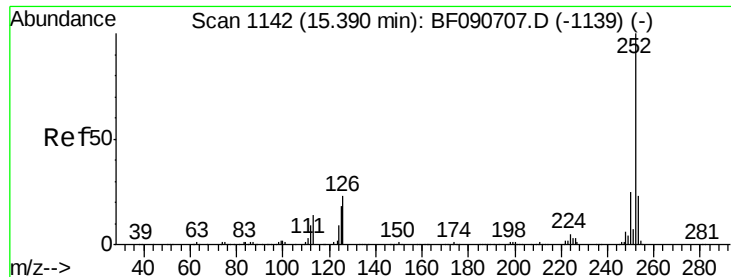
Tot Ion:252 Resp: 1248880
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.4 17.1 25.7#



#88
Benzo(k)fluoranthene
Concen: 44.34 ng
RT: 15.02 min Scan# 1110
Delta R.T. -0.05 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:252 Resp: 1248880
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 11.4 16.0 24.0#

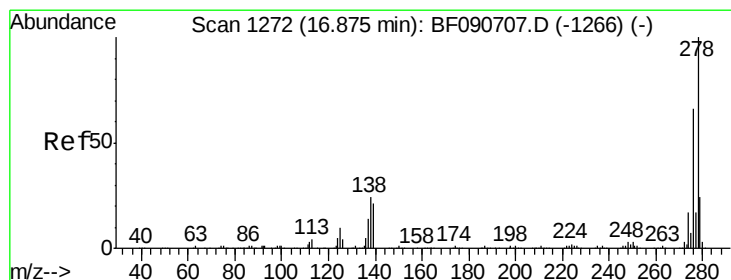
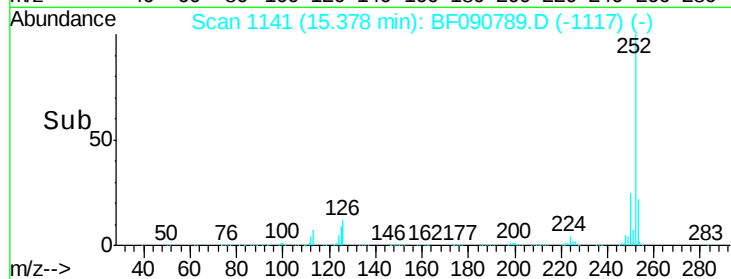
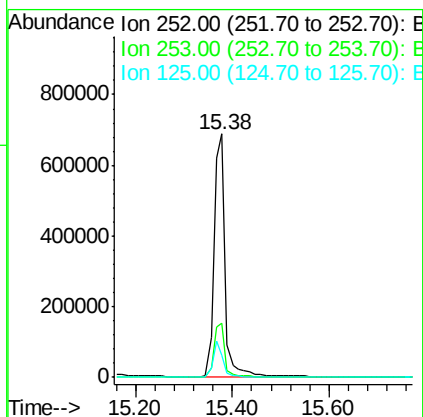
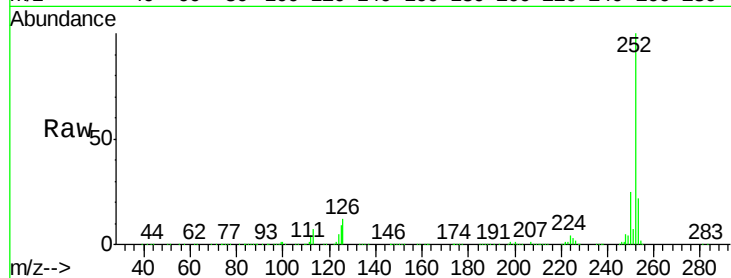




#89
Benzo(a)pyrene
Concen: 42.64 ng
RT: 15.38 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

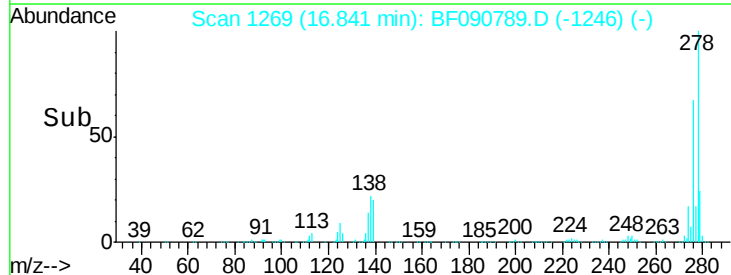
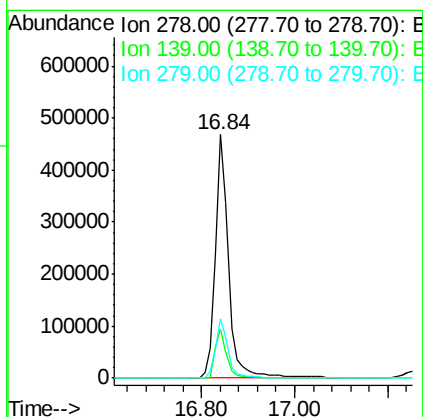
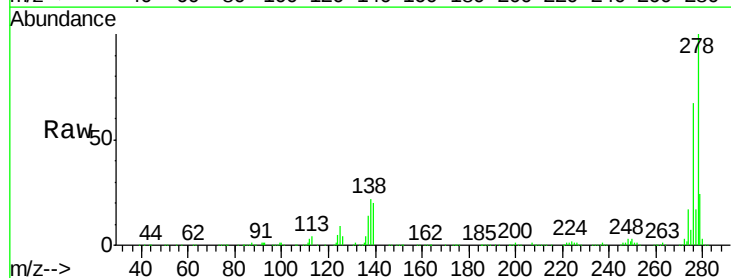
Instrument :
BNA_F
ClientSampleId :
PB94262BS

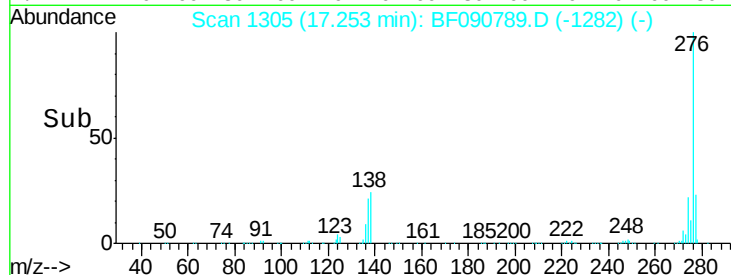
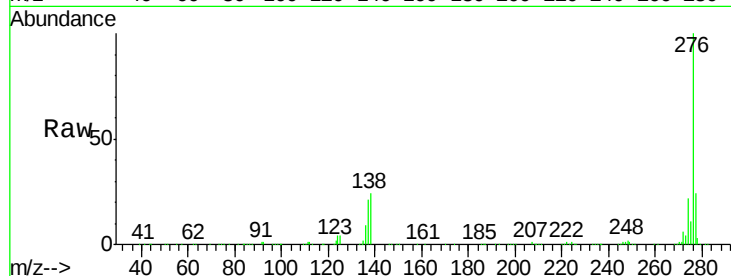
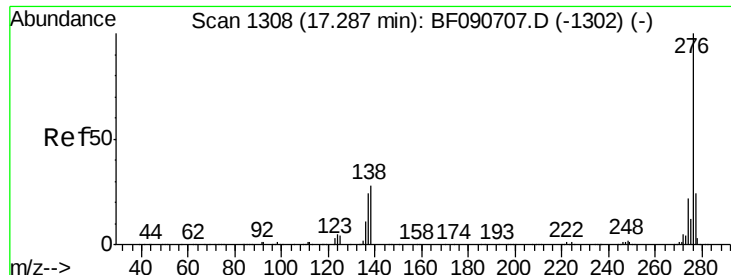
Tot Ion:252 Resp: 1121116
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 9.3 18.0 27.0#



#90
Dibenzo(a,h)anthracene
Concen: 36.66 ng
RT: 16.84 min Scan# 1269
Delta R.T. -0.03 min
Lab File: BF090789.D
Acq: 24 Oct 2016 15:38

Tgt Ion:278 Resp: 925639
Ion Ratio Lower Upper
278 100
139 20.3 26.3 39.5#
279 24.5 18.2 27.4





#91
 Benzo(a,h,i)perylene
 Concen: 36.39 ng
 RT: 17.25 min Scan# 1305
 Delta R.T. -0.03 min
 Lab File: BF090789.D
 Acq: 24 Oct 2016 15:38

Instrument :
 BNA_F
 ClientSampleId :
 PB94262BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.8	26.6
138	24.2	34.6	51.8

