

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089798.D
 Acq On : 19 Aug 2016 16:29
 Operator : UM/SJ
 Sample : PB92975BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Quant Time: Aug 22 01:13:55 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 19 14:02:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	568868	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2212914	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1026038	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1860031	20.00	ng	0.01
75) Chrysene-d12	13.85	240	1184954	20.00	ng	-0.02
86) Perylene-d12	15.33	264	985235	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	2741523	82.65	ng	0.02
7) Phenol-d6	6.32	99	3271697	80.34	ng	0.00
23) Nitrobenzene-d5	7.26	82	3012774	84.58	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	761464	78.09	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4492379	76.95	ng	0.00
78) Terphenyl-d14	12.79	244	4189078	79.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	546659	33.30	ng	97
3) Pyridine	2.91	79	1519322	35.29	ng	95
4) n-Nitrosodimethylamine	2.88	42	617771	38.54	ng	# 78
6) Aniline	6.34	93	1101767	20.17	ng	# 38
8) 2-Chlorophenol	6.47	128	1605613	40.48	ng	87
9) Benzaldehyde	6.22	77	391791	14.77	ng	98
10) Phenol	6.34	94	1935463	40.55	ng	95
11) bis(2-Chloroethyl)ether	6.42	93	1349203	36.46	ng	96
12) 1,3-Dichlorobenzene	6.86	146	1566992	37.79	ng	96
13) 1,4-Dichlorobenzene	6.63	146	1660775	38.96	ng	95
14) 1,2-Dichlorobenzene	6.86	146	1568391	39.41	ng	96
15) Benzyl Alcohol	6.83	79	1100946	40.77	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1830269	38.64	ng	91
17) 2-Methylphenol	6.95	107	1243480	40.02	ng	98
18) Hexachloroethane	7.20	117	590675	38.85	ng	90
19) n-Nitroso-di-n-propylamine	7.12	70	1109506	42.60	ng	# 84
20) 3+4-Methylphenols	7.11	107	1483178	38.93	ng	# 66
22) Acetophenone	7.10	105	1865152	36.71	ng	# 90
24) Nitrobenzene	7.27	77	1467831	36.73	ng	99
25) Isophorone	7.52	82	2894054	40.28	ng	# 92
26) 2-Nitrophenol	7.59	139	798985	40.07	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	1352825	37.64	ng	95
28) bis(2-Chloroethoxy)methane	7.74	93	1988188	44.73	ng	96
29) 2,4-Dichlorophenol	7.83	162	1179694	39.12	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	1353367	40.58	ng	95
31) Naphthalene	8.00	128	4199331	40.60	ng	100
32) Benzoic acid	7.76	122	824647	29.45	ng	98
33) 4-Chloroaniline	8.04	127	607964	13.56	ng	# 95
34) Hexachlorobutadiene	8.12	225	674093	38.59	ng	96
35) Caprolactam	8.42	113	413146	44.99	ng	# 85
36) 4-Chloro-3-methylphenol	8.54	107	1362202	41.71	ng	99
37) 2-Methylnaphthalene	8.68	142	2851452	42.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1006278	30.29	ng	97
40) Hexachlorocyclopentadiene	8.84	237	1131086	98.05	ng	97

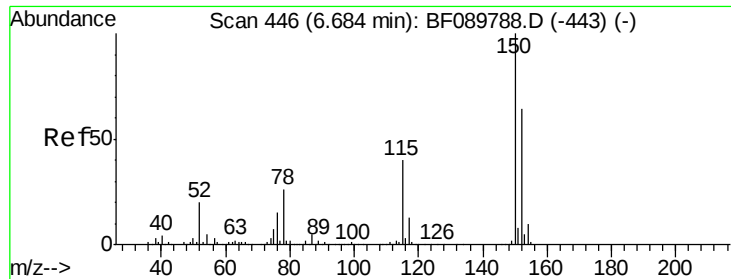
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	891928	42.67	ng	99
43) 2,4,5-Trichlorophenol	9.00	196	880088	42.33	ng	97
45) 1,1'-Biphenyl	9.15	154	3049834	38.41	ng	95
46) 2-Chloronaphthalene	9.16	162	2486822	39.62	ng	99
47) 2-Nitroaniline	9.27	65	893446	49.91	ng	# 80
48) Acenaphthylene	9.58	152	4072325	43.18	ng	99
49) Dimethylphthalate	9.46	163	3178302	43.99	ng	# 99
50) 2,6-Dinitrotoluene	9.51	165	637511	38.22	ng	# 85
51) Acenaphthene	9.76	154	3024462	48.45	ng	99
52) 3-Nitroaniline	9.67	138	365170	19.76	ng	97
53) 2,4-Dinitrophenol	9.78	184	761583	78.24	ng	# 82
54) Dibenzofuran	9.93	168	3756940	47.92	ng	91
55) 4-Nitrophenol	9.84	139	1136984	75.38	ng	91
56) 2,4-Dinitrotoluene	9.91	165	839267	38.78	ng	# 61
57) Fluorene	10.26	166	2664165	42.64	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.04	232	755766	49.95	ng	98
59) Diethylphthalate	10.16	149	3071188	41.85	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	1104721	38.76	ng	92
61) 4-Nitroaniline	10.28	138	659914	38.09	ng	97
62) Azobenzene	10.42	77	3094728	44.85	ng	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	458348	42.88	ng	# 58
65) n-Nitrosodiphenylamine	10.39	169	2671875	45.69	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	831334	42.63	ng	# 86
67) Hexachlorobenzene	10.81	284	868001	39.02	ng	# 85
68) Atrazine	10.91	200	687715	38.40	ng	96
69) Pentachlorophenol	11.00	266	1015874	80.56	ng	97
70) Phenanthrene	11.22	178	3993614	42.51	ng	95
71) Anthracene	11.27	178	3754470	39.32	ng	98
72) Carbazole	11.43	167	3754180	43.83	ng	97
73) Di-n-butylphthalate	11.78	149	4555471	42.51	ng	# 98
74) Fluoranthene	12.40	202	3573278	39.99	ng	93
76) Benzidine	12.52	184	1186372	30.94	ng	98
77) Pyrene	12.63	202	3920376	40.63	ng	95
79) Butylbenzylphthalate	13.28	149	2053139	47.11	ng	91
80) Benzo(a)anthracene	13.84	228	3067284	45.20	ng	98
81) 3,3'-Dichlorobenzidine	13.82	252	611011	27.46	ng	# 94
82) Chrysene	13.89	228	2701462	46.43	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	2635932	43.91	ng	98
84) Di-n-octyl phthalate	14.55	149	4056464	50.85	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.62	276	2690780	36.25	ng	99
87) Benzo(b)fluoranthene	14.95	252	2527982	46.64	ng	# 95
88) Benzo(k)fluoranthene	14.95	252	2527982	51.41	ng	98
89) Benzo(a)pyrene	15.28	252	2254803	43.95	ng	# 94
90) Dibenzo(a,h)anthracene	16.64	278	2256158	40.52	ng	97
91) Benzo(g,h,i)perylene	17.01	276	2317636	39.53	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.00 min

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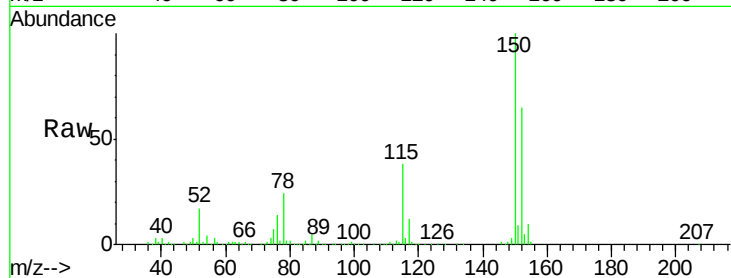
Tgt Ion:152 Resp: 568868

Ion Ratio Lower Upper

152 100

150 153.6 125.3 187.9

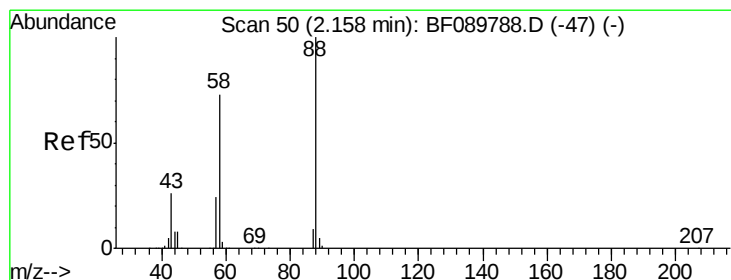
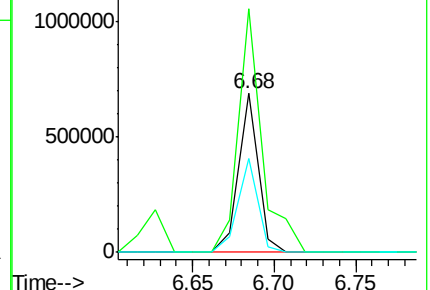
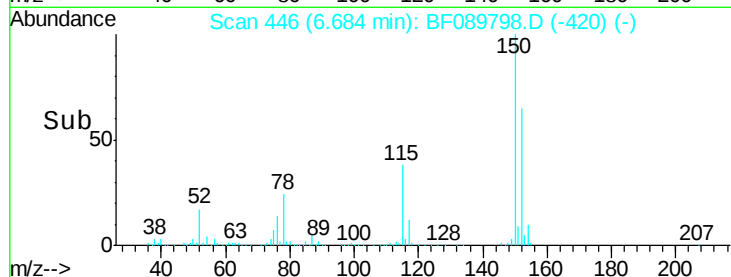
115 58.8 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.30 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.11 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

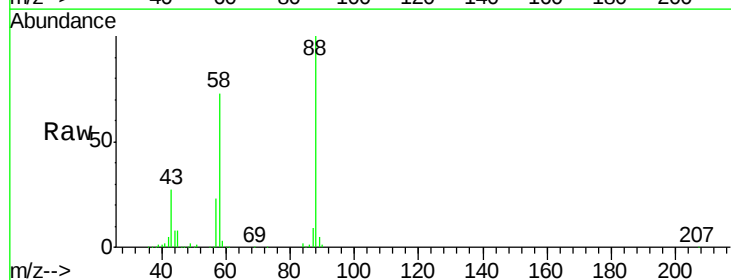
Tgt Ion: 88 Resp: 546659

Ion Ratio Lower Upper

88 100

58 68.6 57.0 85.4

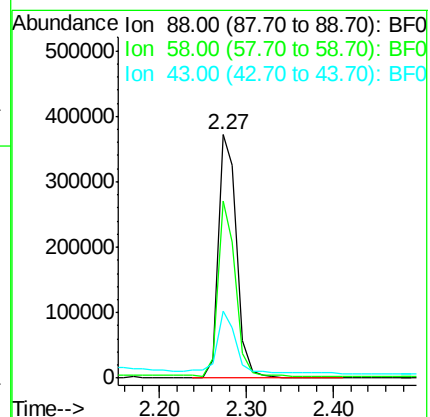
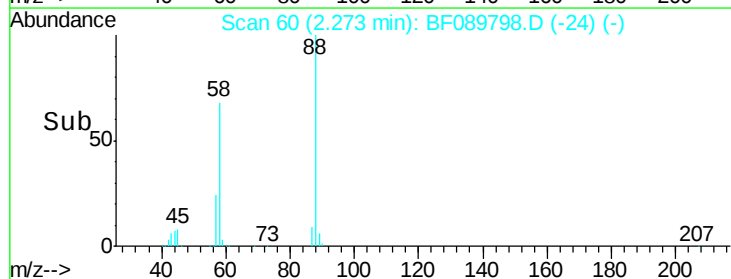
43 28.3 21.8 32.8

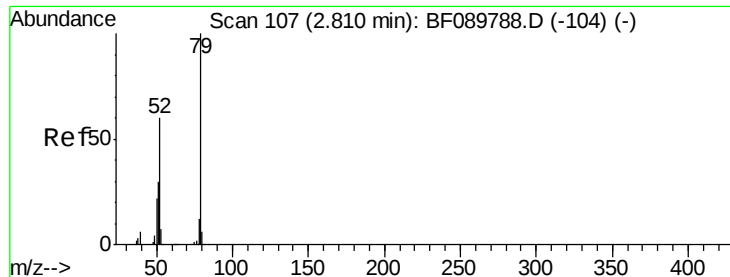


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 35.29 ng

RT: 2.91 min Scan# 116

Delta R.T. 0.10 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

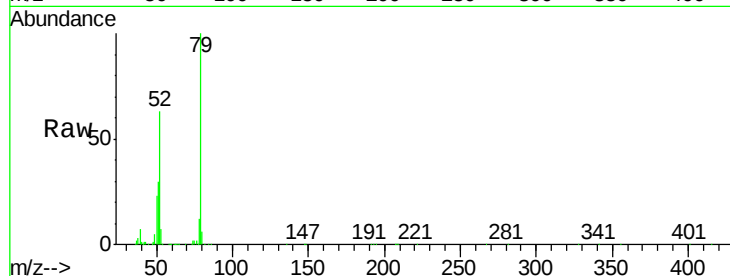
Tgt Ion: 79 Resp: 1519322

Ion Ratio Lower Upper

79 100

52 62.7 53.6 80.4

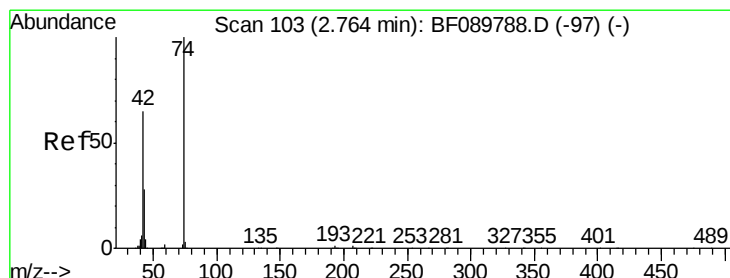
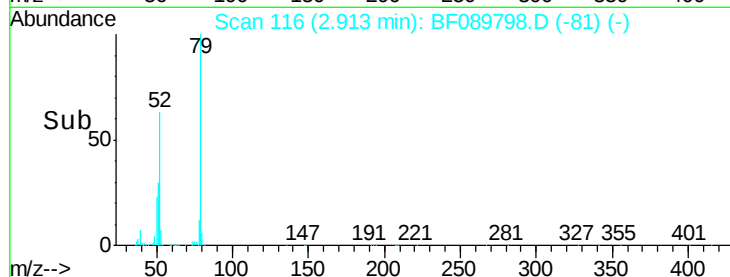
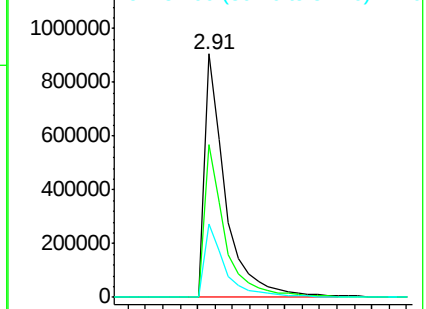
51 30.3 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.54 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.11 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

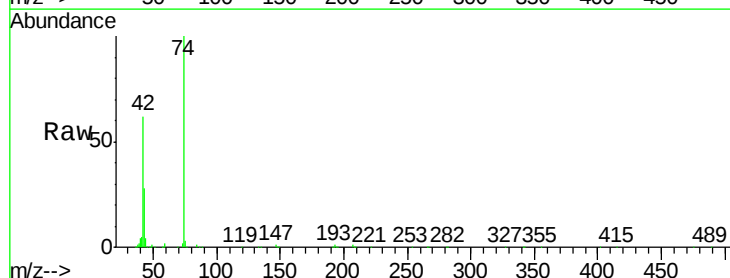
Tgt Ion: 42 Resp: 617771

Ion Ratio Lower Upper

42 100

74 160.5 106.2 159.2#

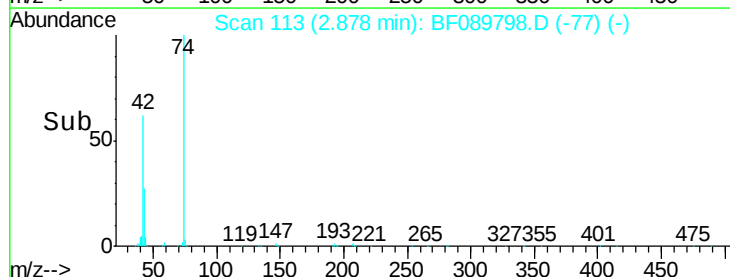
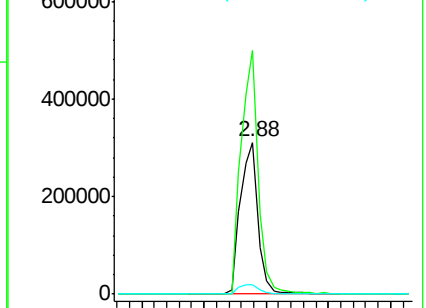
44 6.6 6.9 10.3#

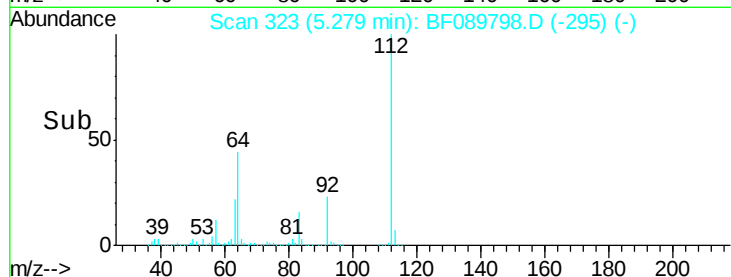
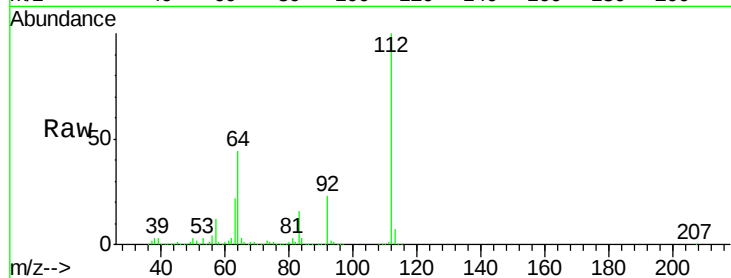
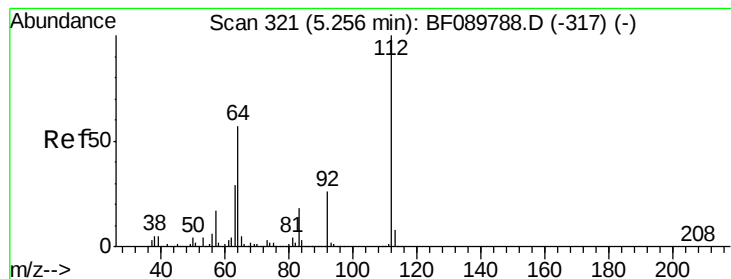


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 82.65 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.02 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

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ClientSampleId :

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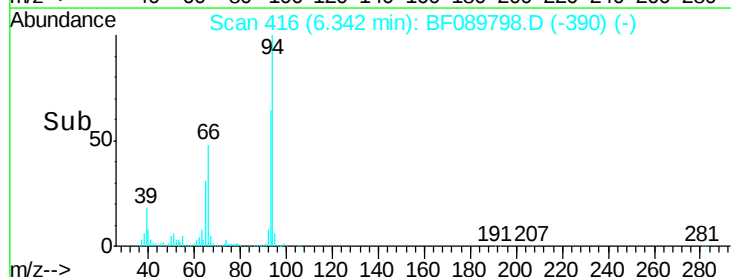
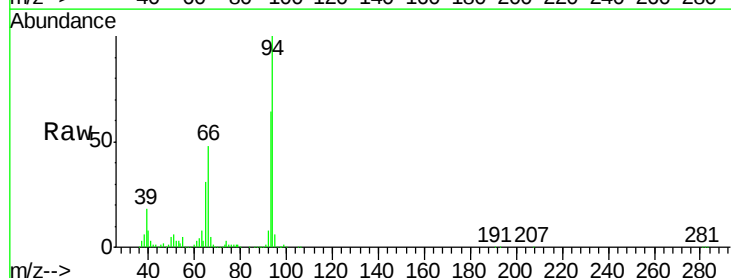
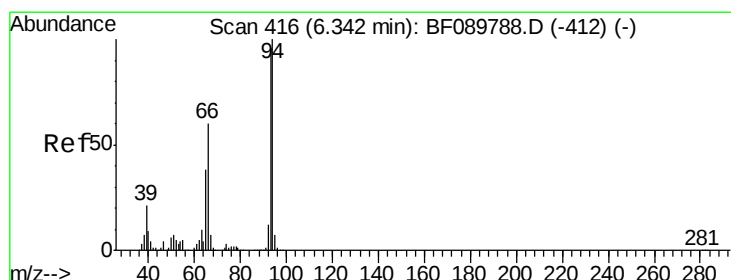
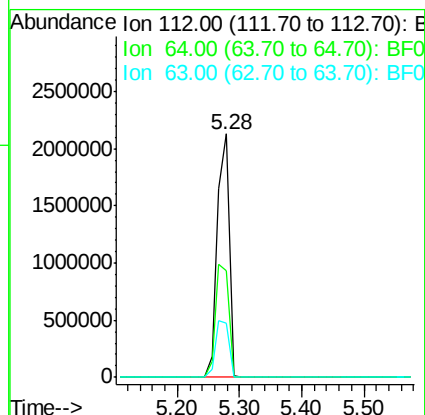
Tgt Ion:112 Resp: 2741523

Ion Ratio Lower Upper

112 100

64 43.8 45.0 67.4#

63 22.2 23.1 34.7#



#6

Aniline

Concen: 20.17 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

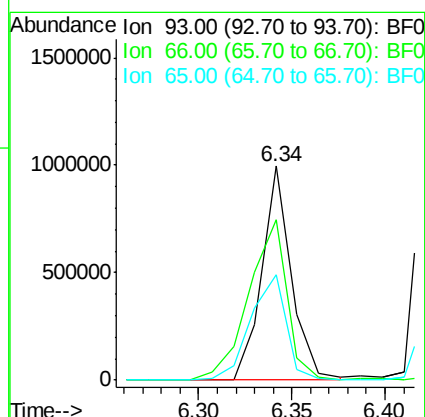
Tgt Ion: 93 Resp: 1101767

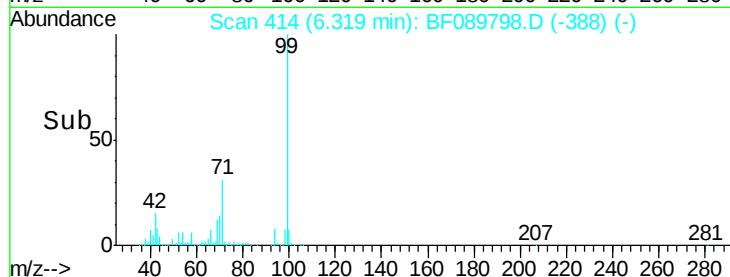
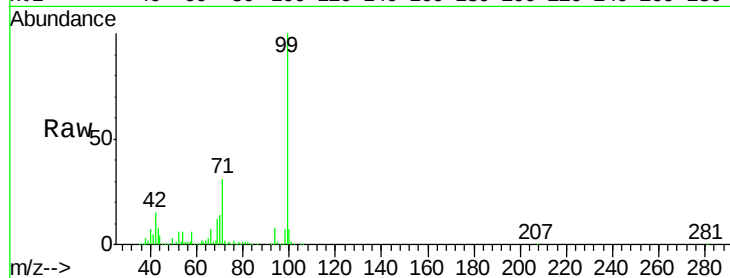
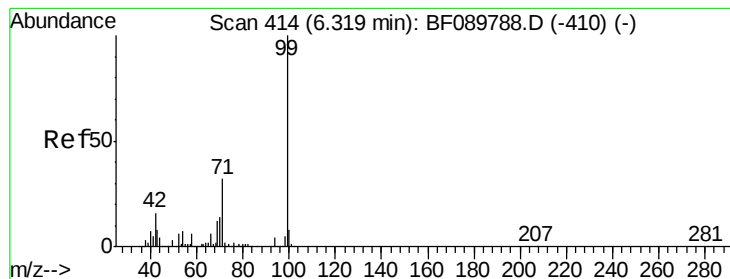
Ion Ratio Lower Upper

93 100

66 74.9 30.6 46.0#

65 49.4 15.4 23.2#





#7

Phenol-d6

Concen: 80.34 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

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ClientSampleId :

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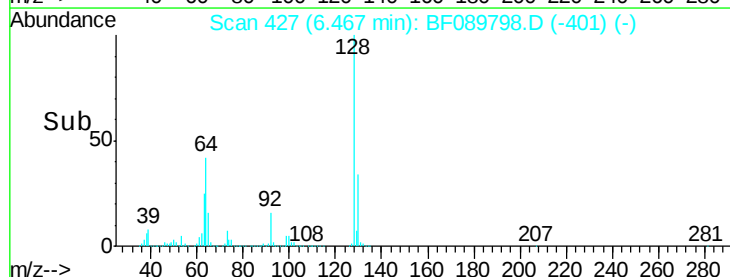
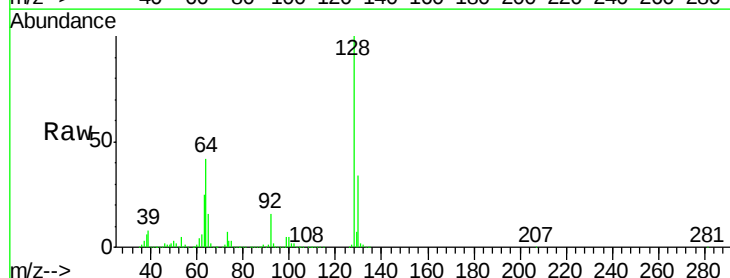
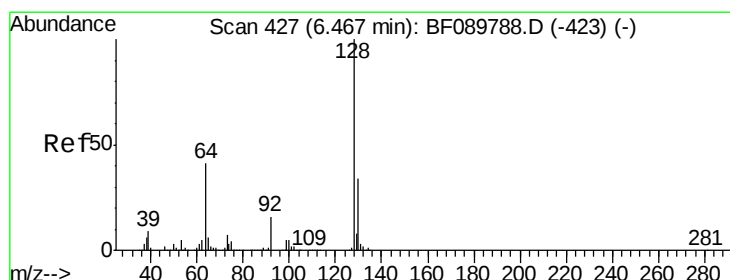
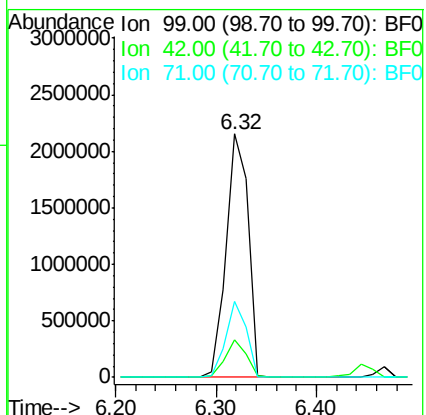
Tgt Ion: 99 Resp: 3271697

Ion Ratio Lower Upper

99 100

42 15.4 12.2 18.4

71 31.1 23.8 35.8



#8

2-Chlorophenol

Concen: 40.48 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

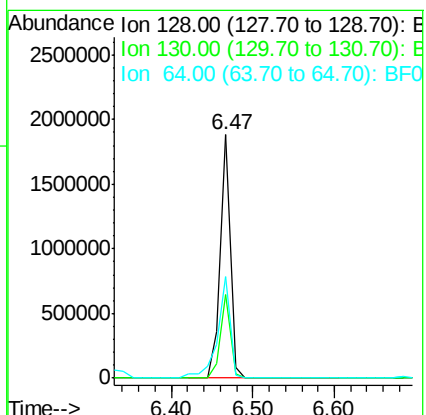
Tgt Ion: 128 Resp: 1605613

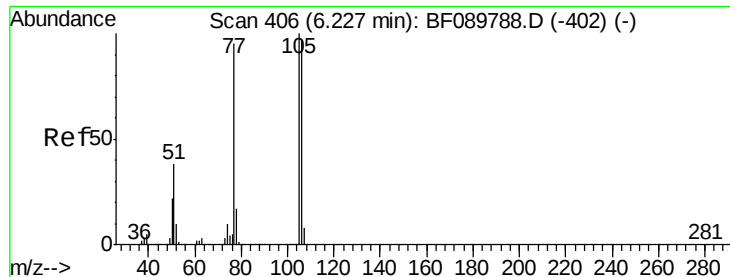
Ion Ratio Lower Upper

128 100

130 34.4 12.0 52.0

64 41.8 35.1 75.1





#9

Benzaldehyde

Concen: 14.77 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

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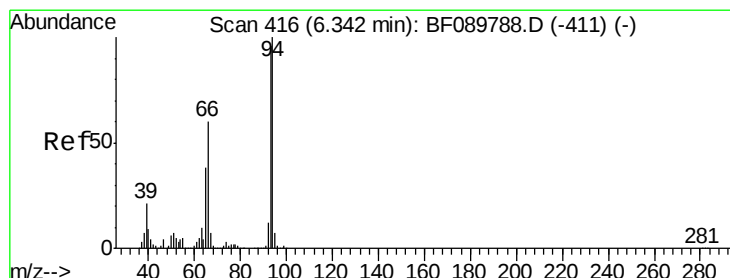
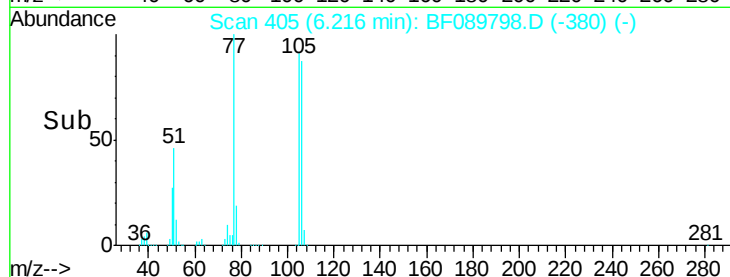
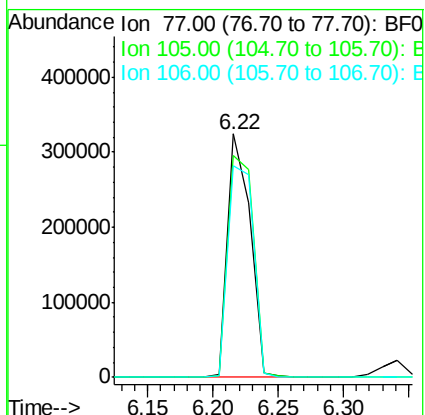
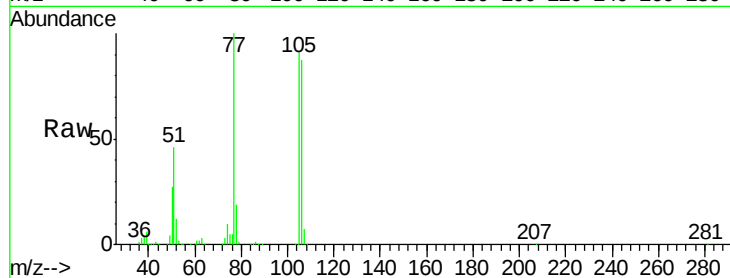
Tgt Ion: 77 Resp: 391791

Ion Ratio Lower Upper

77 100

105 91.1 73.3 113.3

106 87.0 68.6 108.6



#10

Phenol

Concen: 40.55 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

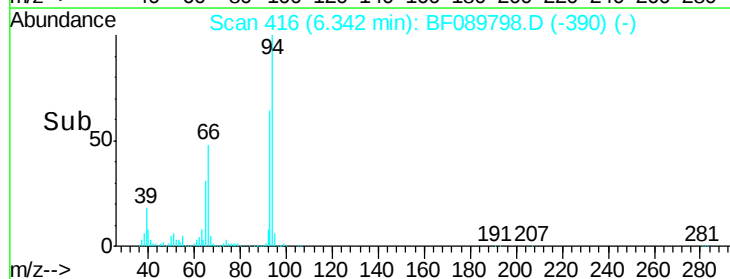
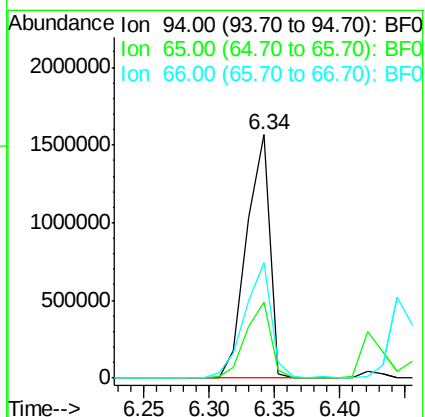
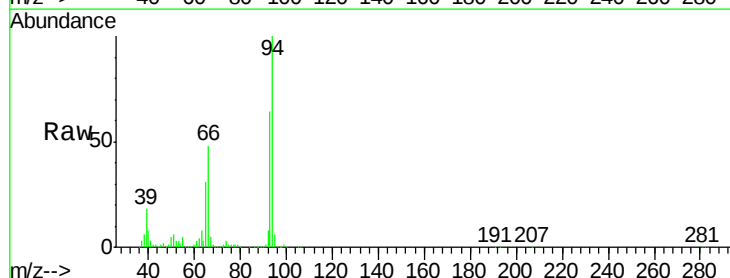
Tgt Ion: 94 Resp: 1935463

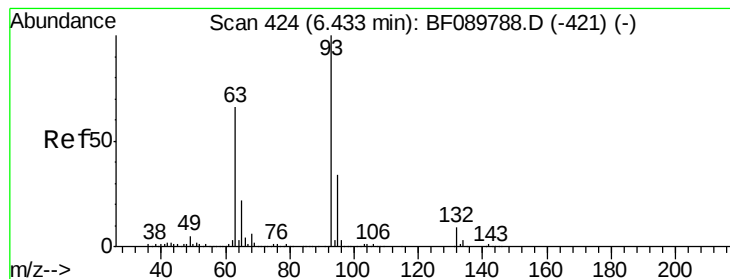
Ion Ratio Lower Upper

94 100

65 31.4 14.0 54.0

66 47.6 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 36.46 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

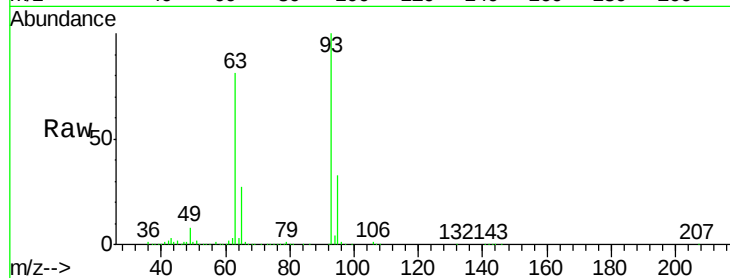
Tgt Ion: 93 Resp: 1349203

Ion Ratio Lower Upper

93 100

63 80.9 55.8 95.8

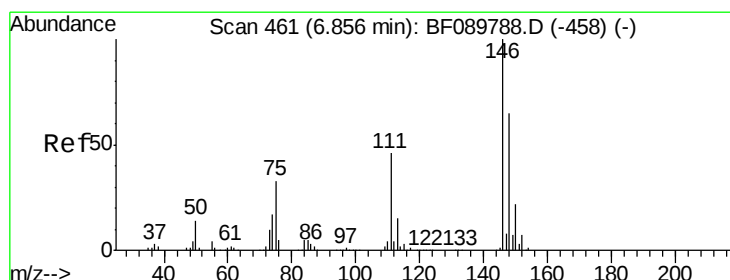
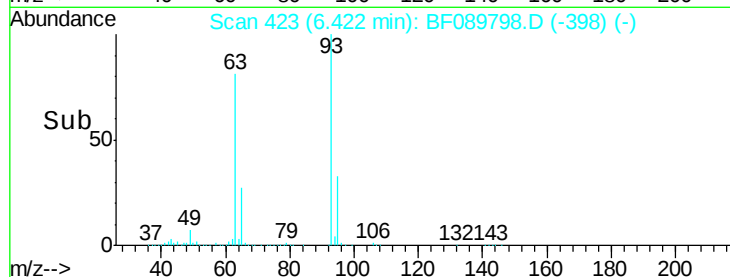
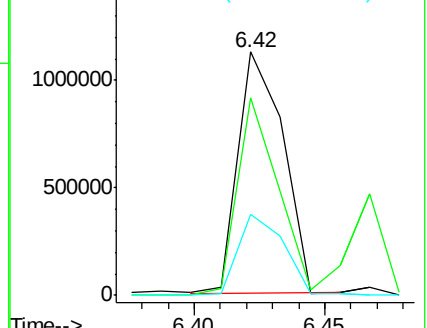
95 33.2 13.0 53.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 37.79 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.23 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

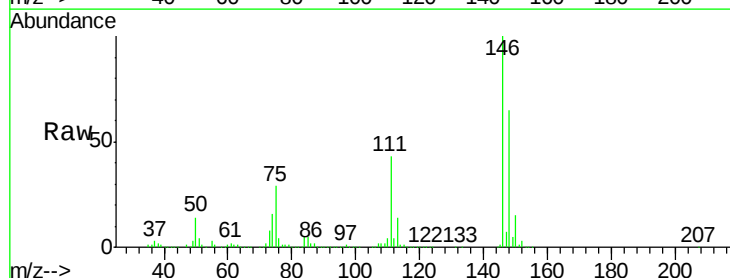
Tgt Ion: 146 Resp: 1566992

Ion Ratio Lower Upper

146 100

148 65.0 51.0 76.4

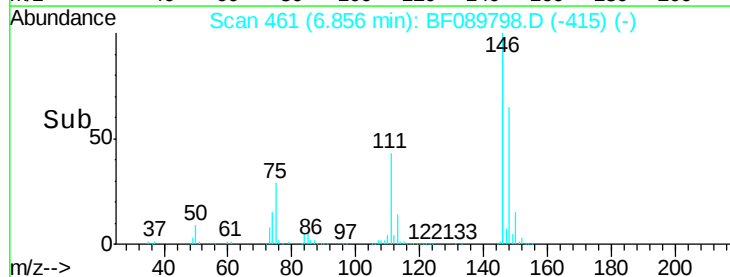
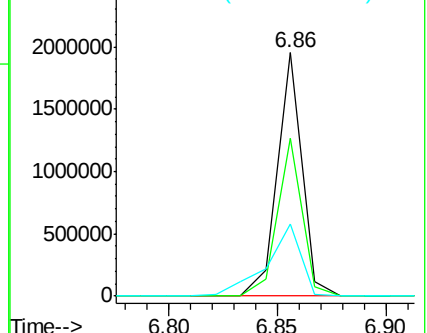
75 29.5 27.0 40.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

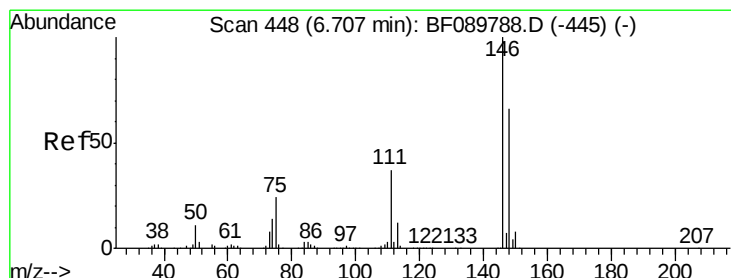
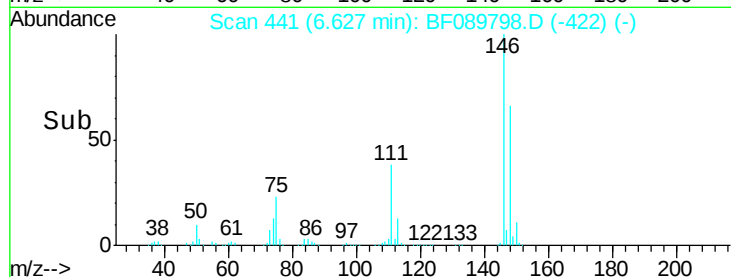
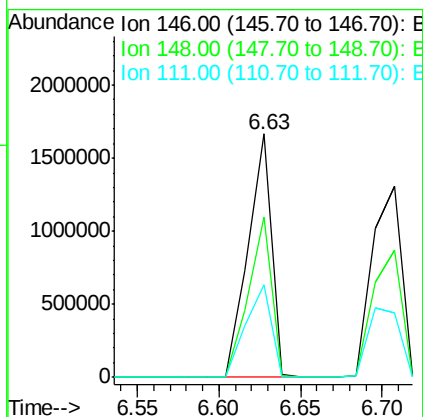
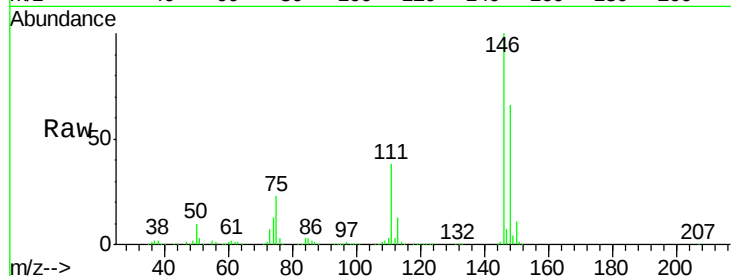




#13
 1,4-Dichlorobenzene
 Concen: 38.96 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

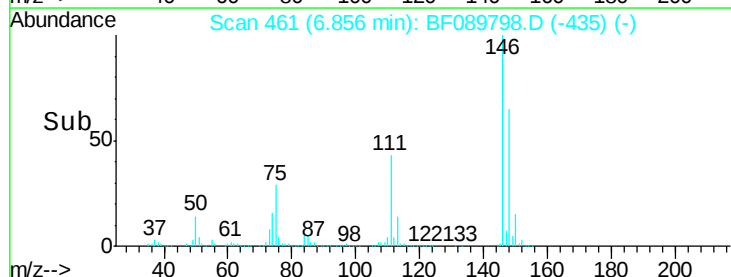
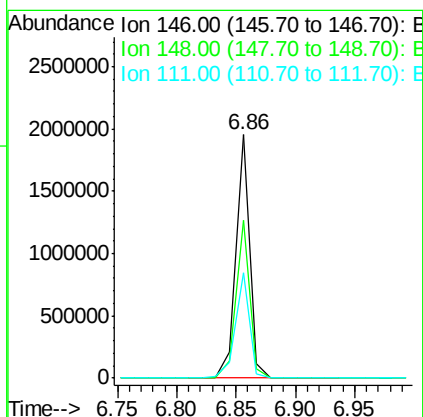
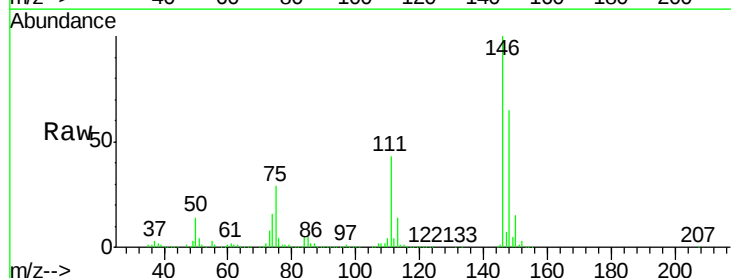
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

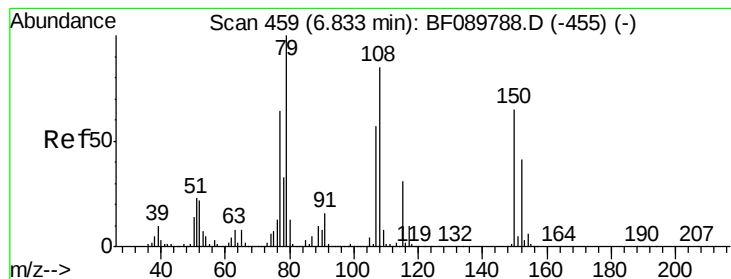
Tgt Ion:146 Resp: 1660775
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.0 76.6
 111 38.1 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.41 ng
 RT: 6.86 min Scan# 461
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:146 Resp: 1568391
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.2 78.2
 111 43.5 29.8 44.6





#15

Benzyl Alcohol

Concen: 40.77 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

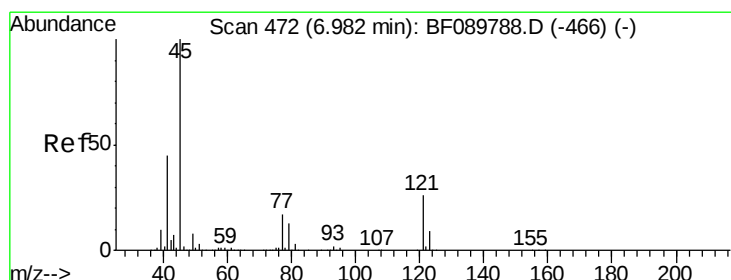
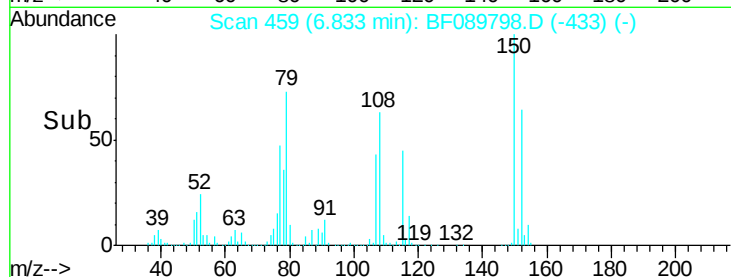
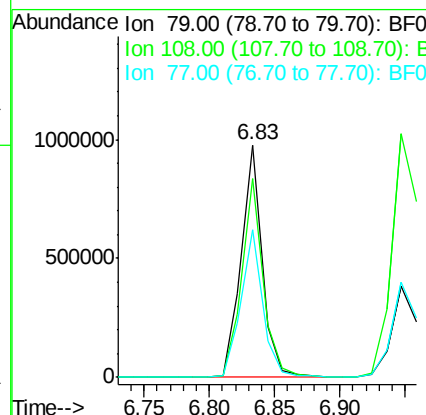
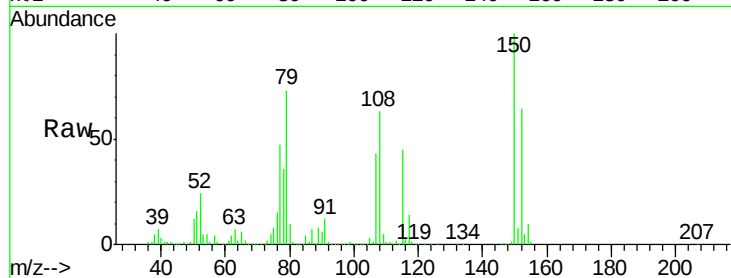
Tgt Ion: 79 Resp: 1100946

Ion Ratio Lower Upper

79 100

108 85.6 62.5 93.7

77 63.6 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.64 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

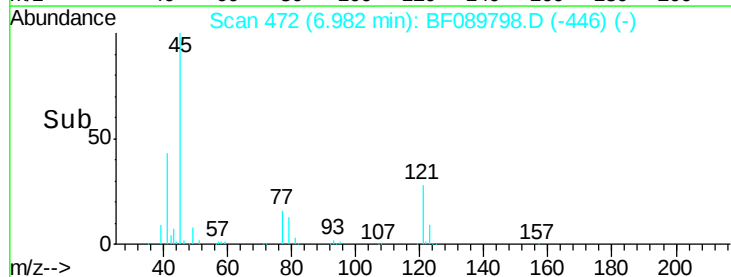
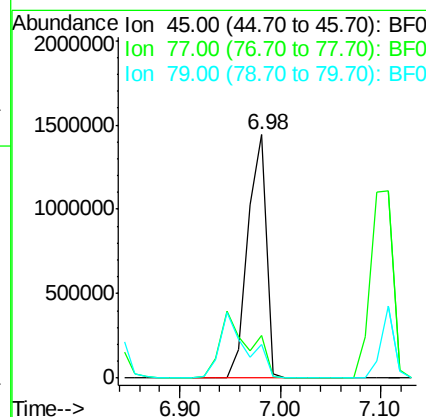
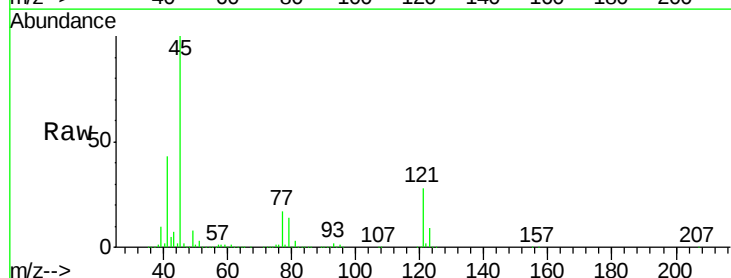
Tgt Ion: 45 Resp: 1830269

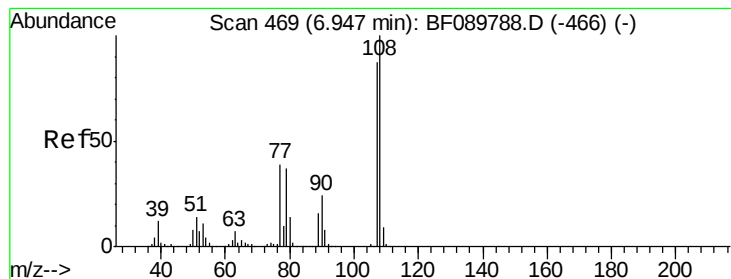
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

79 14.0 0.0 30.7





#17

2-Methylphenol

Concen: 40.02 ng

RT: 6.95 min Scan# 469

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tgt Ion:107 Resp: 1243480

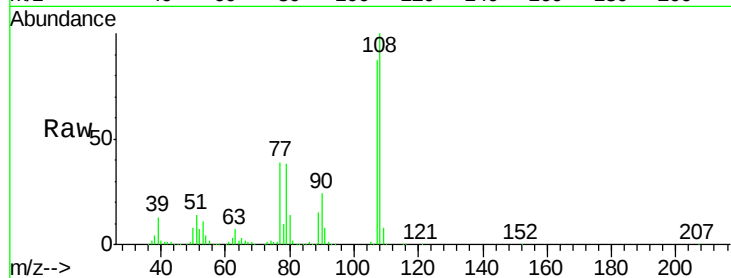
Ion Ratio Lower Upper

107 100

108 115.2 91.0 136.4

77 44.9 37.4 56.0

79 43.4 36.6 55.0

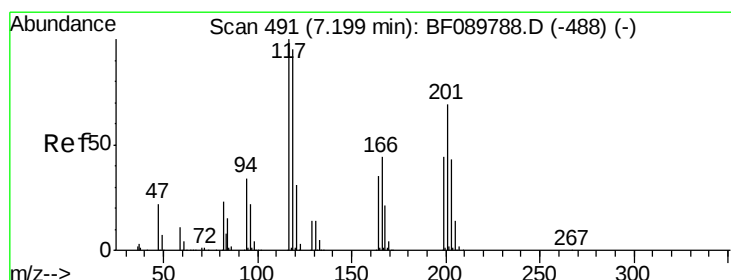
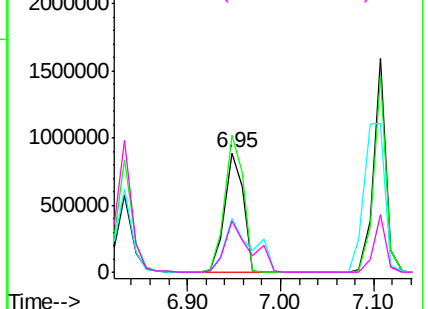
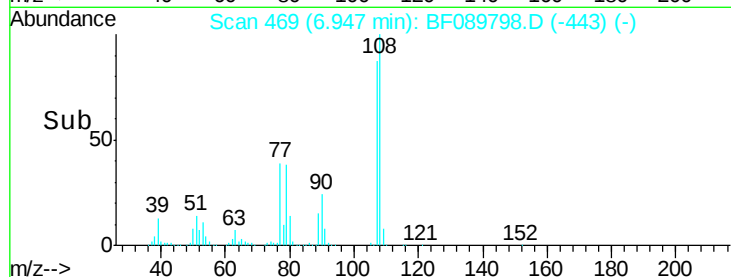


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.85 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

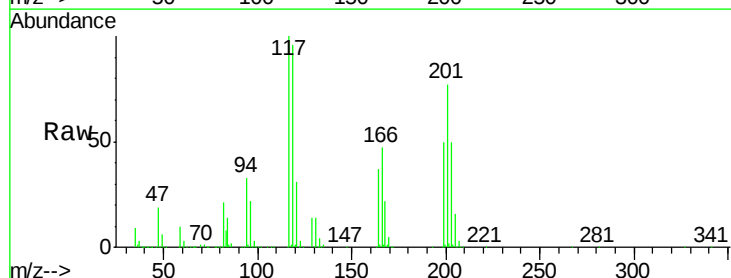
Tgt Ion:117 Resp: 590675

Ion Ratio Lower Upper

117 100

119 95.6 77.1 115.7

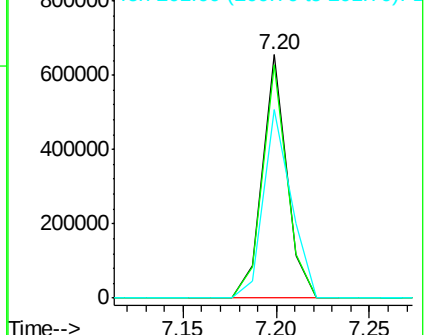
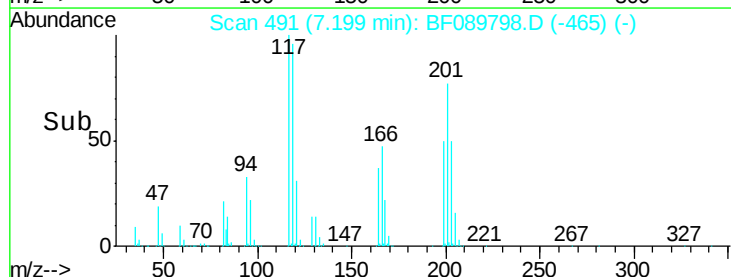
201 77.5 76.9 115.3

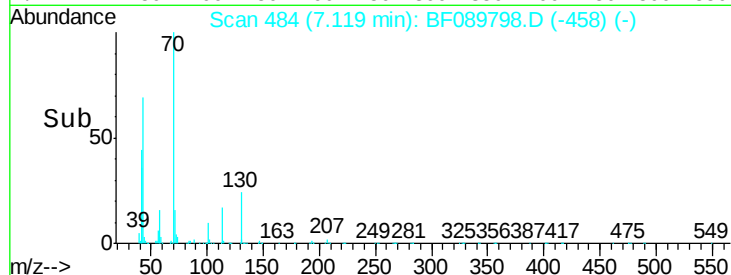
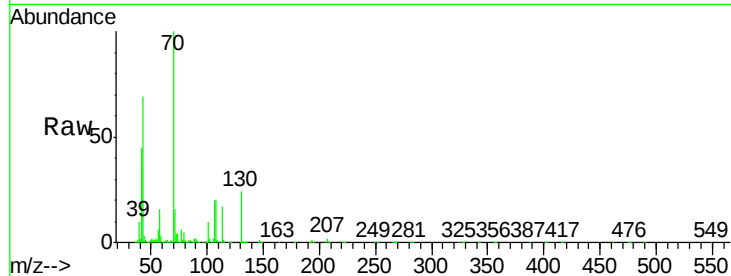
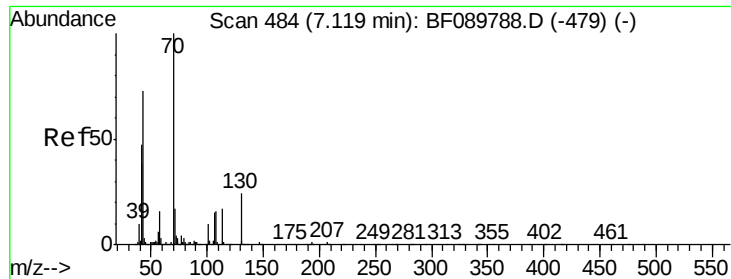


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

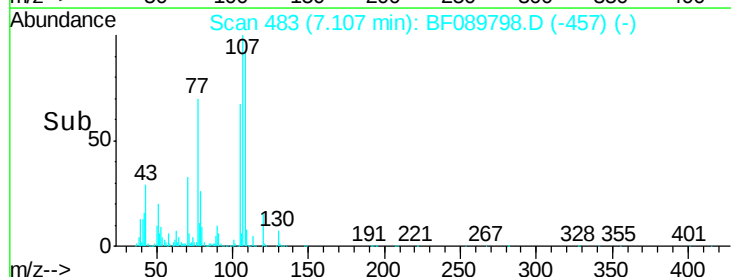
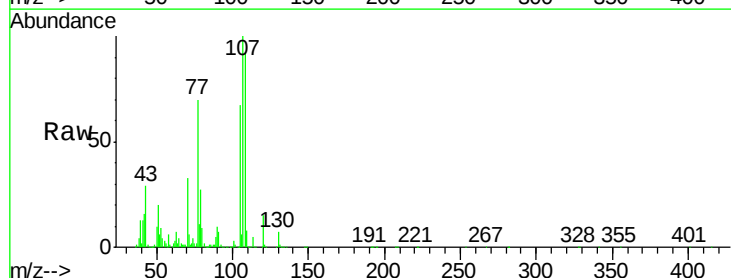
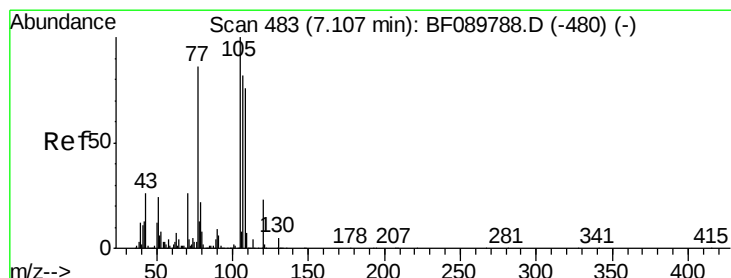
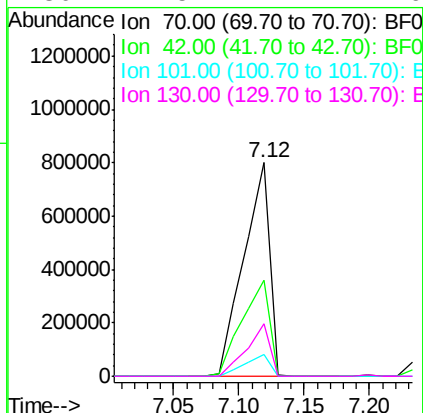




#19
n-Nitroso-di-n-propylamine
Concen: 42.60 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

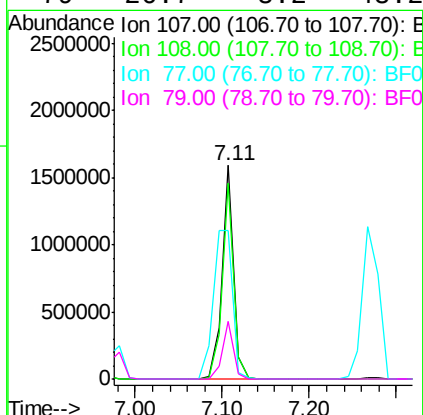
Instrument :
BNA_F
ClientSampleId :
PB92975BSD

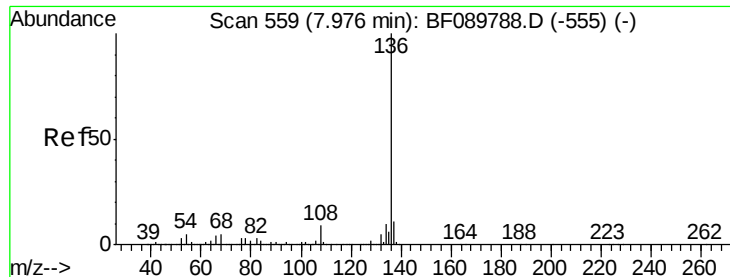
Tgt Ion:	70	Resp:	1109506
Ion	Ratio	Lower	Upper
70	100		
42	44.8	46.3	69.5#
101	10.2	7.0	10.6
130	24.5	14.4	21.6#



#20
3+4-Methylphenols
Concen: 38.93 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:	107	Resp:	1483178
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	69.7	122.3	162.3#
79	26.7	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tgt Ion:136 Resp: 2212914

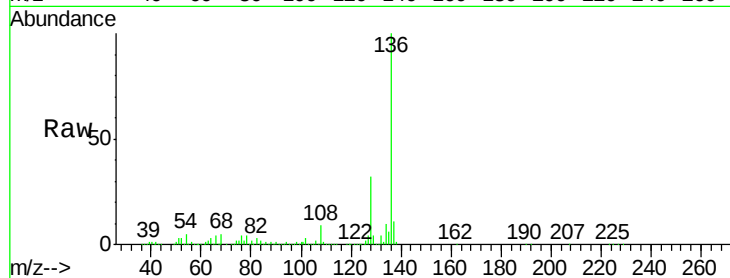
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.9 7.2 10.8#

68 4.6 5.8 8.8#

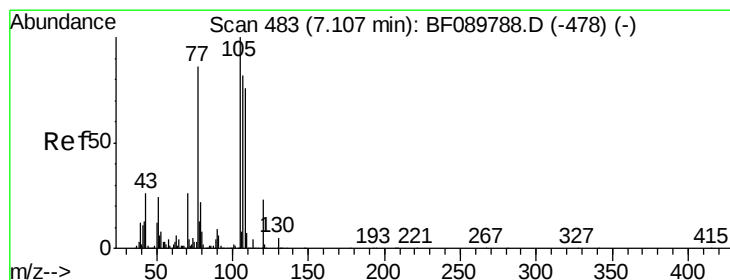
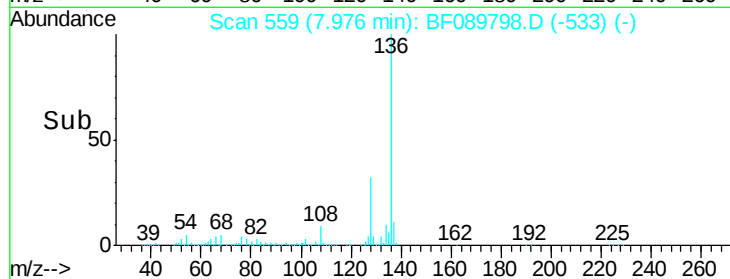
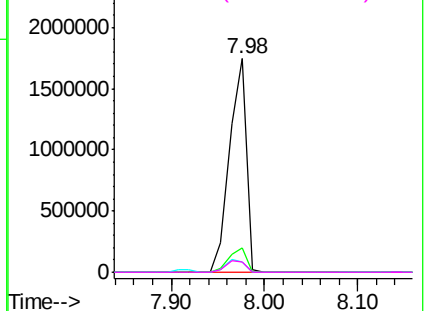


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 36.71 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:105 Resp: 1865152

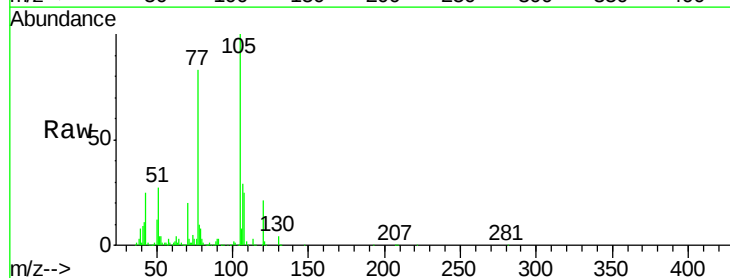
Ion Ratio Lower Upper

105 100

71 3.4 1.9 2.9#

51 26.5 28.5 42.7#

120 21.3 16.6 25.0

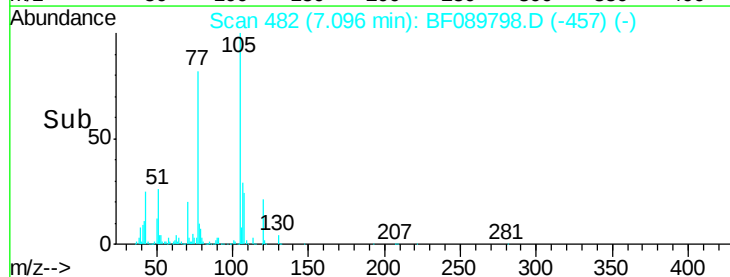
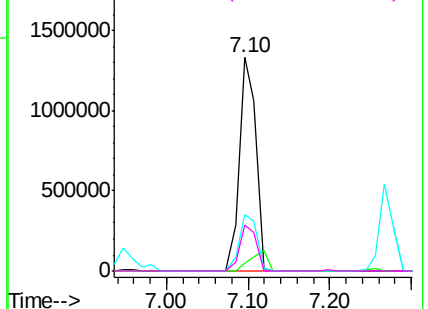


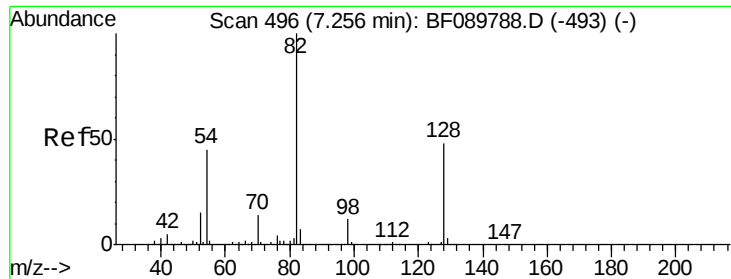
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

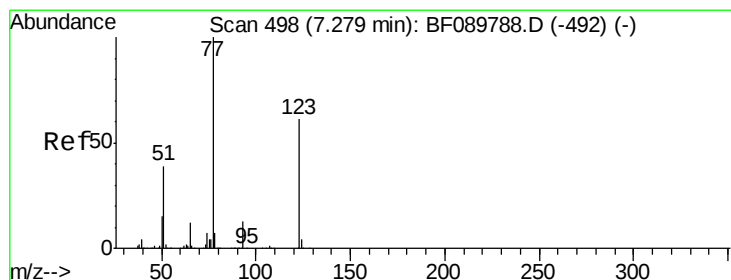
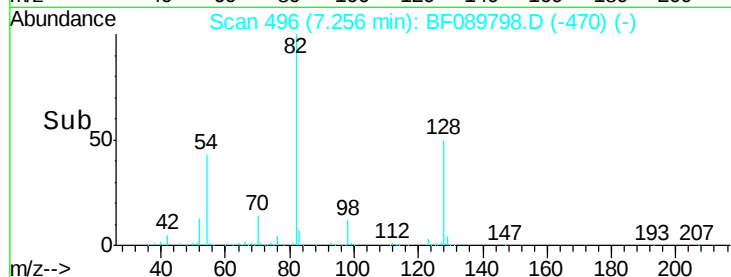
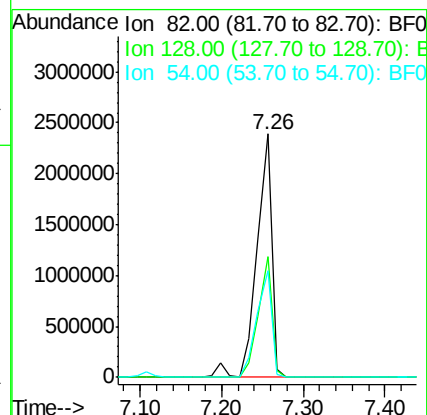
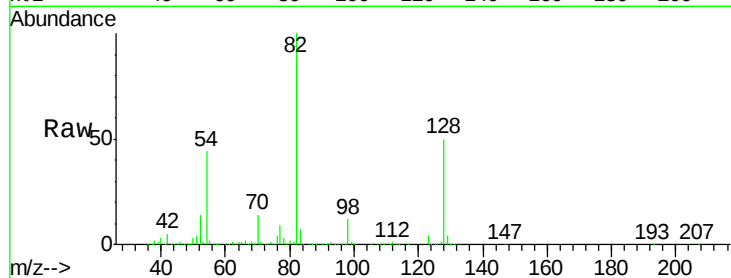




#23
 Nitrobenzene-d5
 Concen: 84.58 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

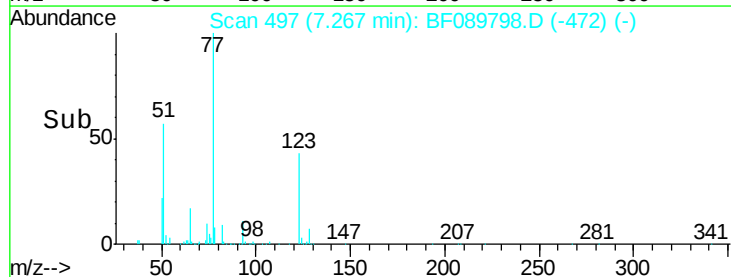
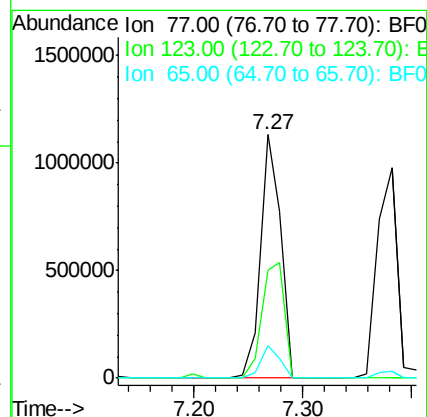
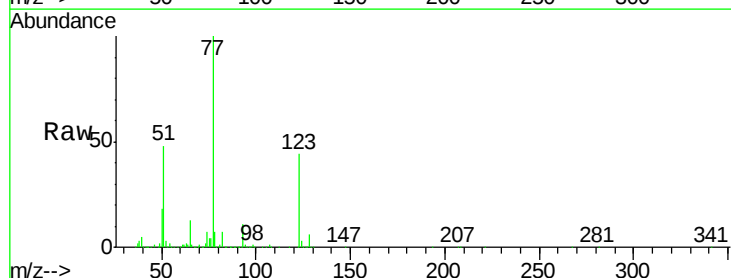
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tgt Ion: 82 Resp: 3012774
 Ion Ratio Lower Upper
 82 100
 128 49.7 34.4 51.6
 54 44.0 40.3 60.5



#24
 Nitrobenzene
 Concen: 36.73 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion: 77 Resp: 1467831
 Ion Ratio Lower Upper
 77 100
 123 44.1 36.2 54.2
 65 13.4 10.6 15.8





#25

Isophorone

Concen: 40.28 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

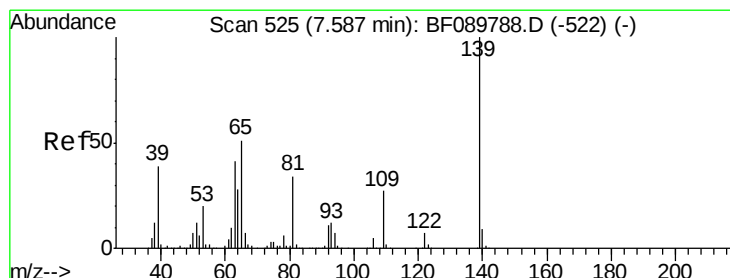
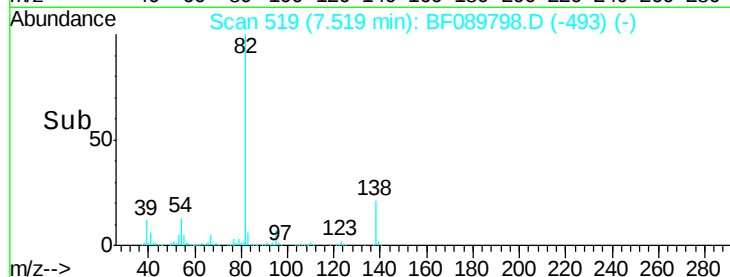
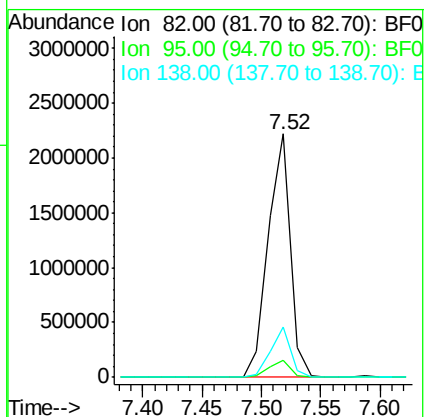
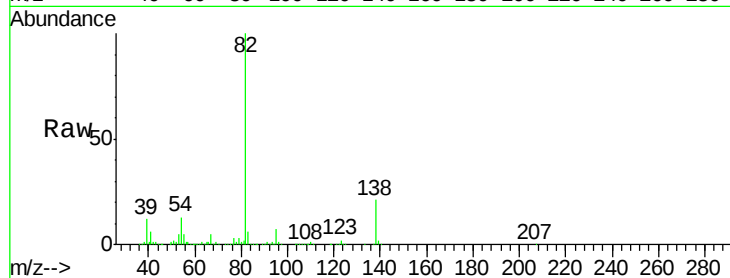
Tgt Ion: 82 Resp: 2894054

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 20.9 13.0 19.4#



#26

2-Nitrophenol

Concen: 40.07 ng

RT: 7.59 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

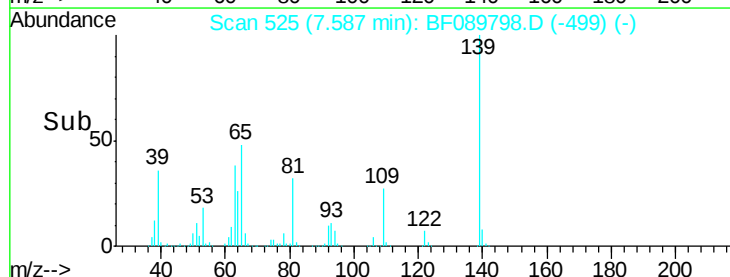
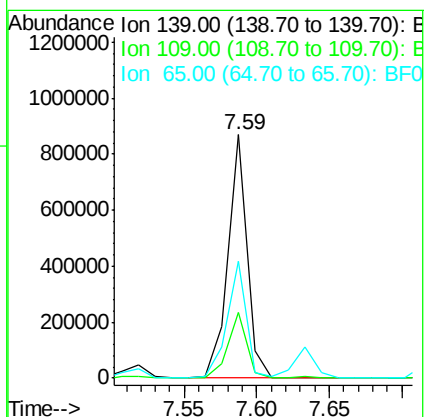
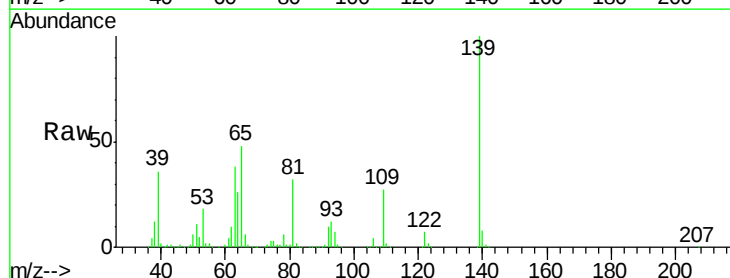
Tgt Ion: 139 Resp: 798985

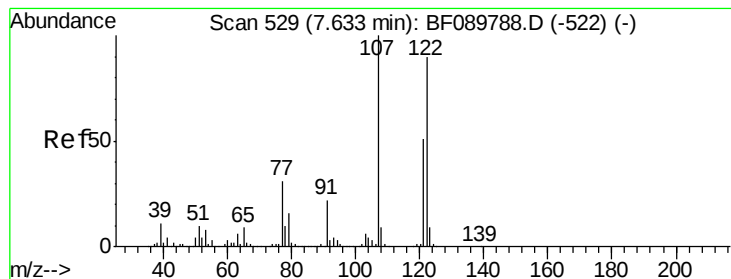
Ion Ratio Lower Upper

139 100

109 26.8 19.5 29.3

65 47.8 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 37.64 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

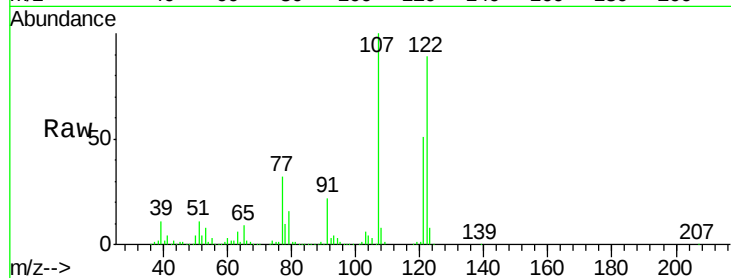
Tgt Ion:122 Resp: 1352825

Ion Ratio Lower Upper

122 100

107 112.5 84.8 127.2

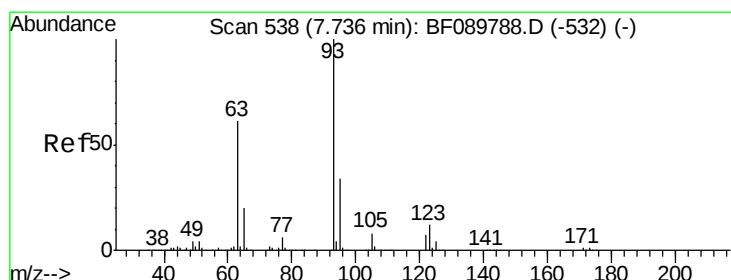
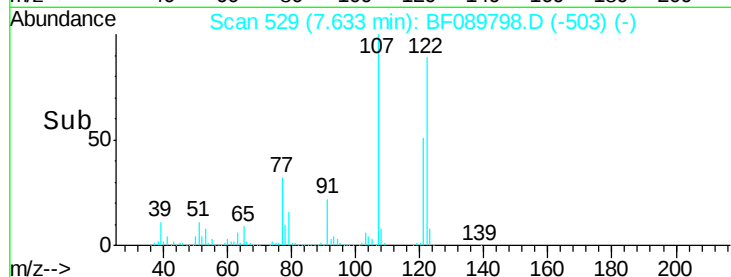
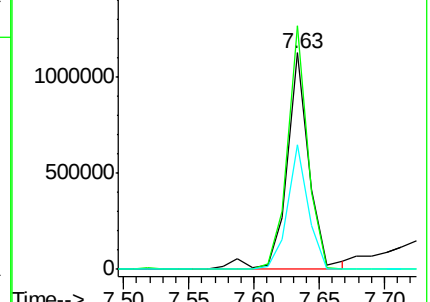
121 57.7 47.0 70.6



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: 44.73 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

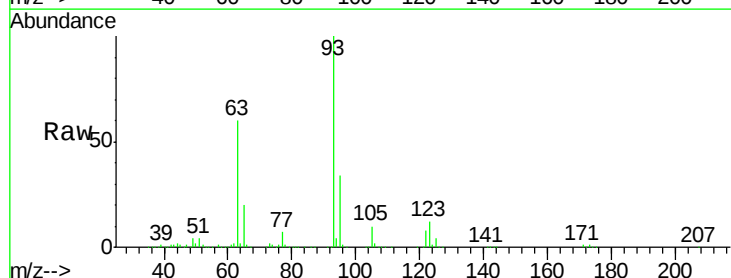
Tgt Ion: 93 Resp: 1988188

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

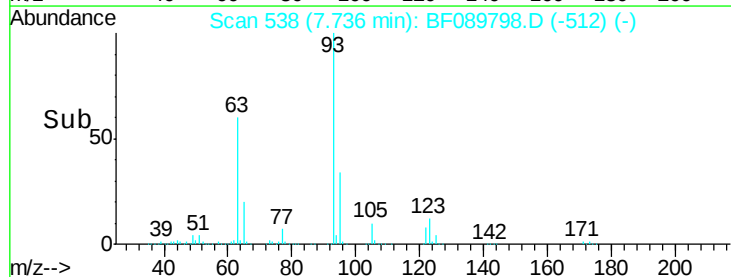
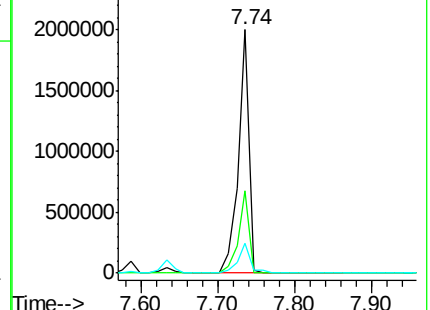
123 12.4 8.5 12.7

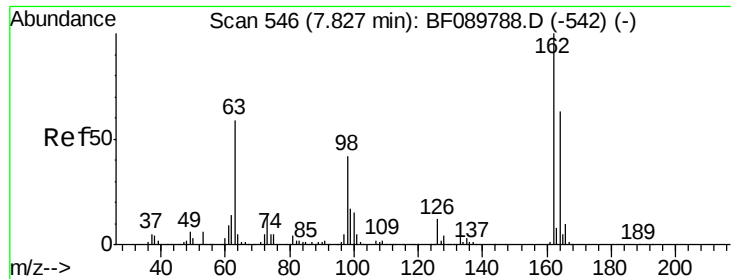


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.12 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

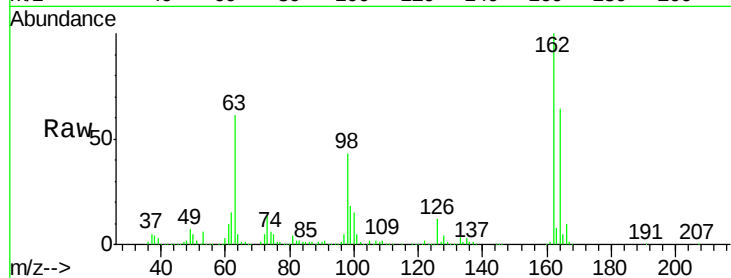
Tgt Ion:162 Resp: 1179694

Ion Ratio Lower Upper

162 100

164 63.8 45.5 85.5

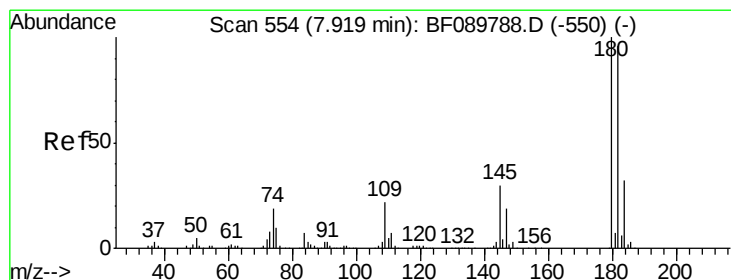
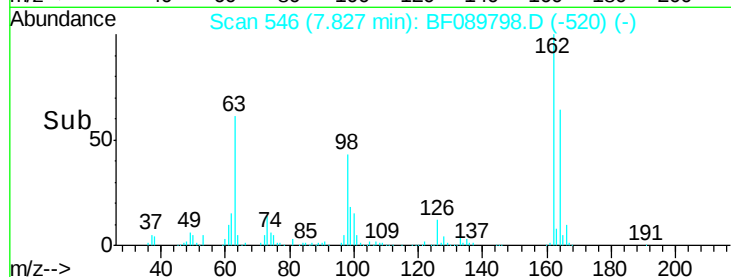
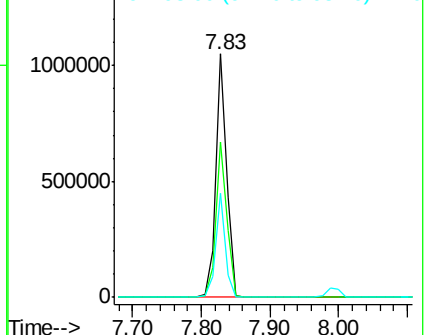
98 42.6 12.4 52.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 40.58 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

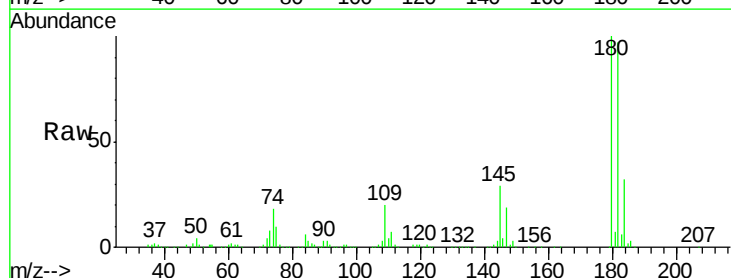
Tgt Ion:180 Resp: 1353367

Ion Ratio Lower Upper

180 100

182 96.7 75.5 113.3

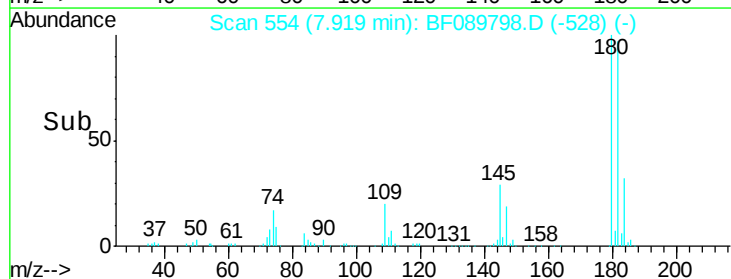
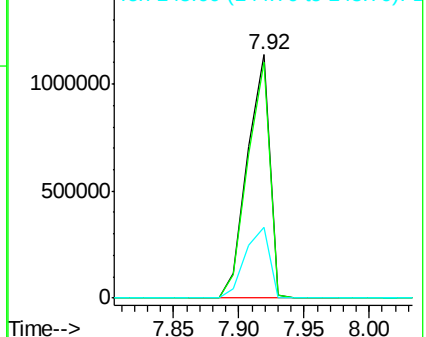
145 29.0 28.7 43.1

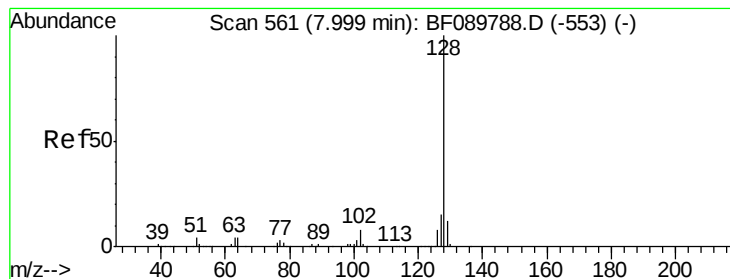


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.60 ng

RT: 8.00 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

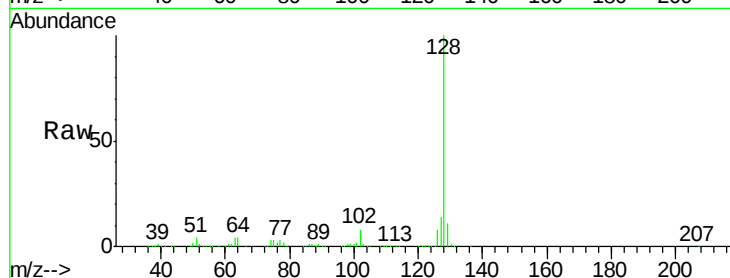
Tgt Ion:128 Resp: 4199331

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

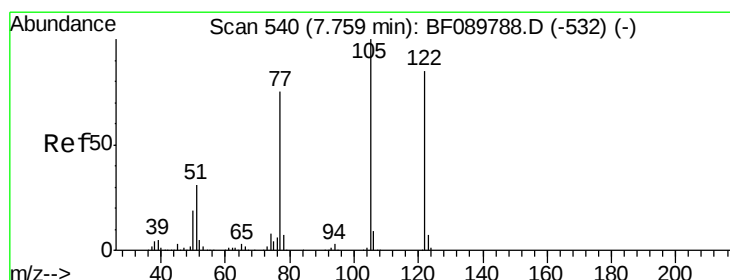
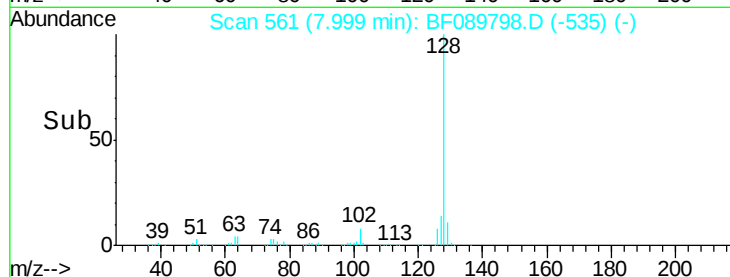
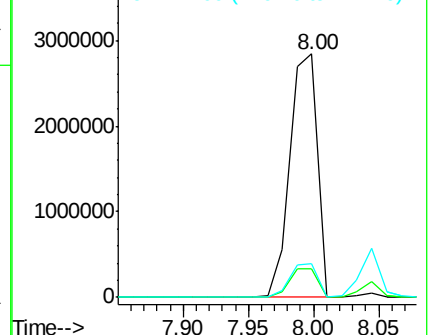
127 14.1 11.3 16.9



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: 29.45 ng

RT: 7.76 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

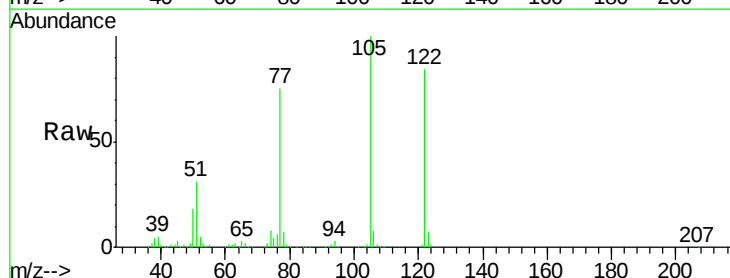
Tgt Ion:122 Resp: 824647

Ion Ratio Lower Upper

122 100

105 118.7 100.8 140.8

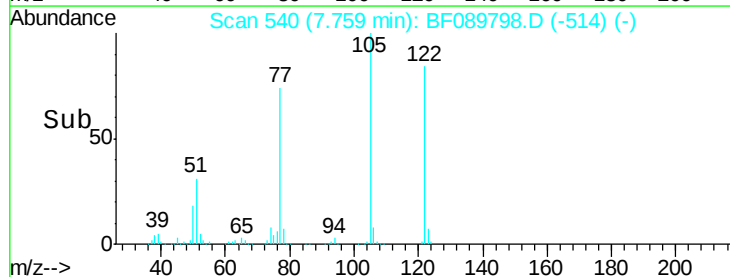
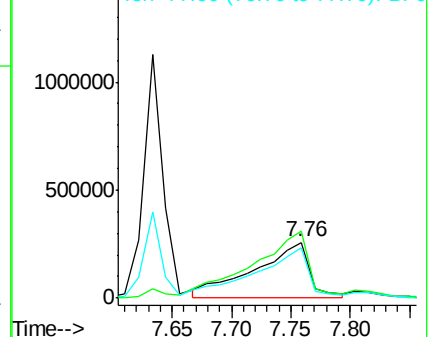
77 89.2 72.1 112.1

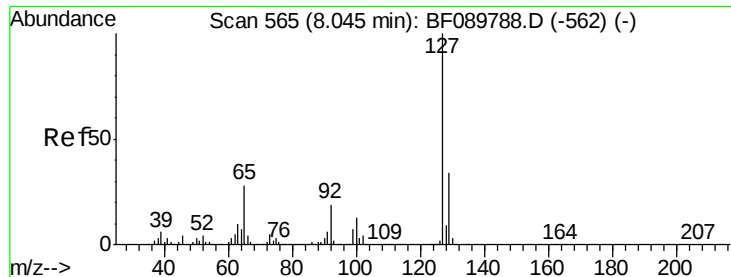


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

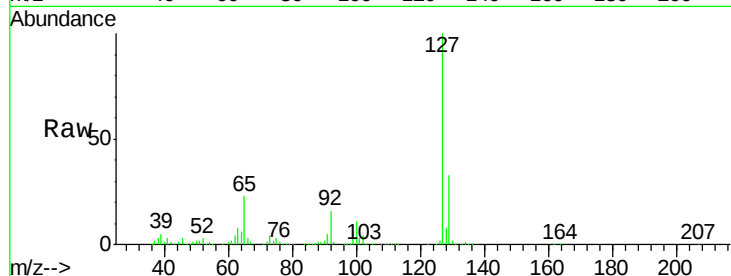




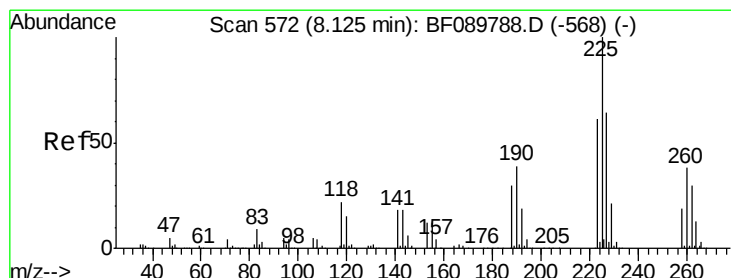
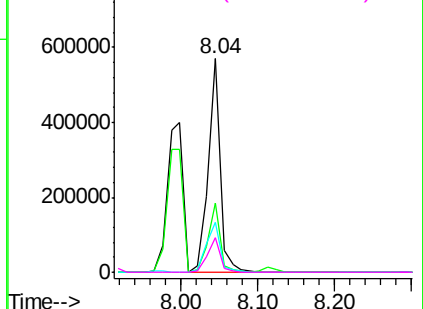
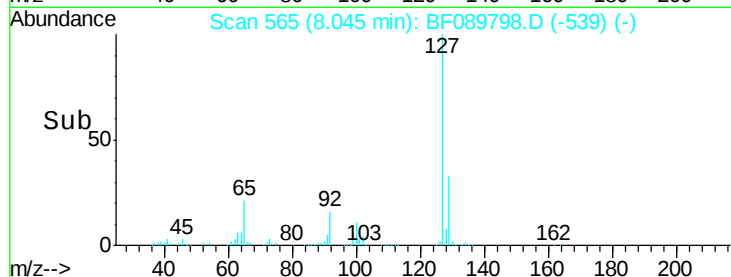
#33
4-Chloroaniline
Concen: 13.56 ng
RT: 8.04 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tgt Ion:	127	Resp:	607964
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.6
65	23.2	14.7	22.1#
92	16.2	11.7	17.5

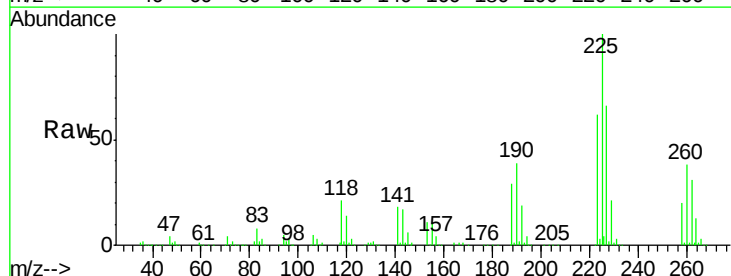


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

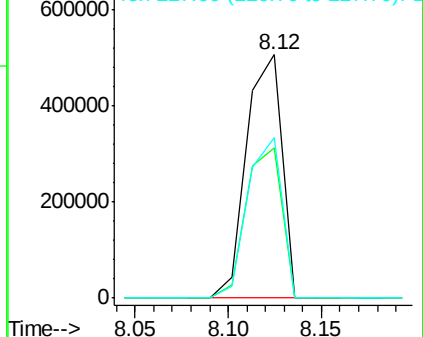
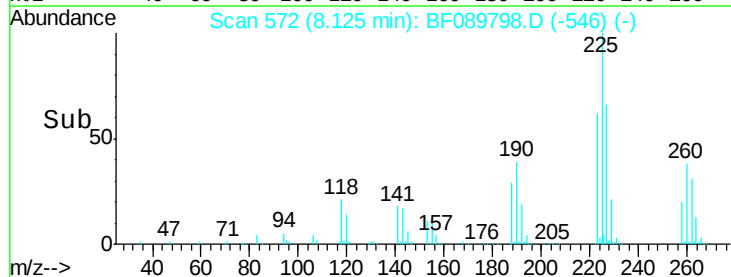


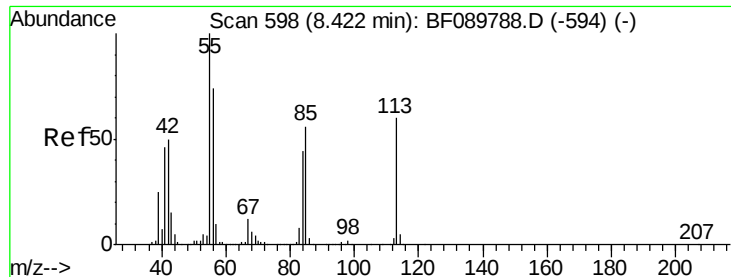
#34
Hexachlorobutadiene
Concen: 38.59 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:	225	Resp:	674093
Ion	Ratio	Lower	Upper
225	100		
223	61.6	51.0	76.6
227	65.7	49.8	74.6



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

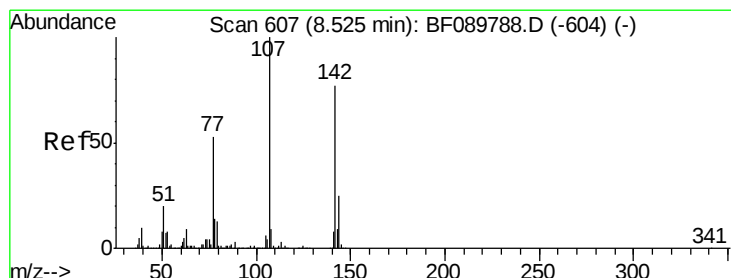
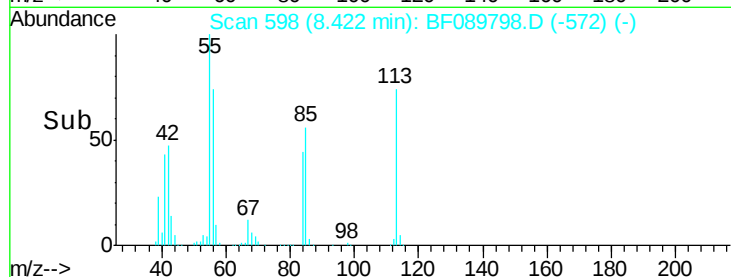
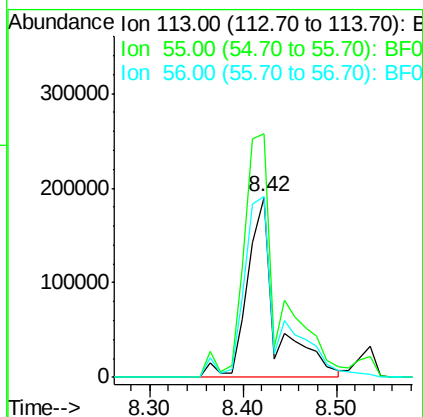
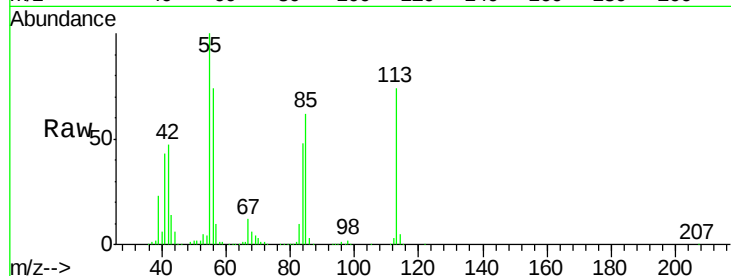




#35
 Caprolactam
 Concen: 44.99 ng
 RT: 8.42 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

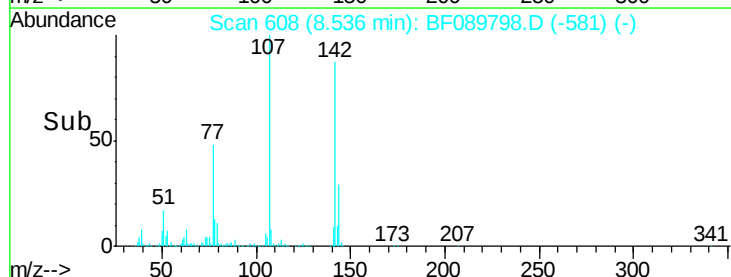
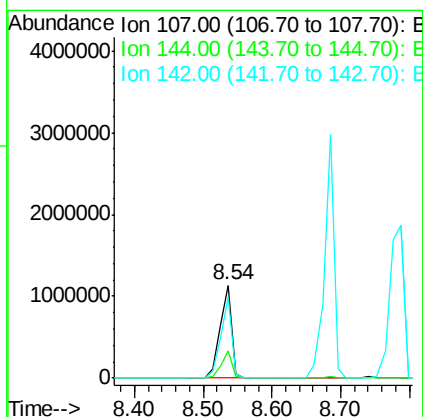
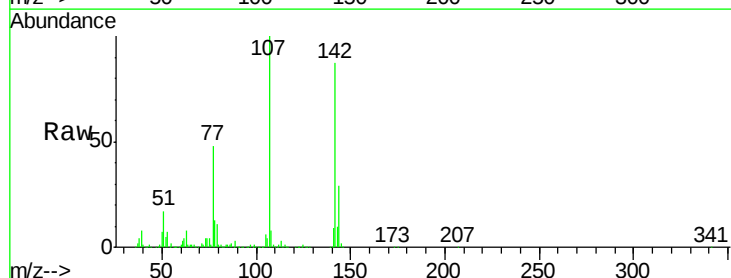
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

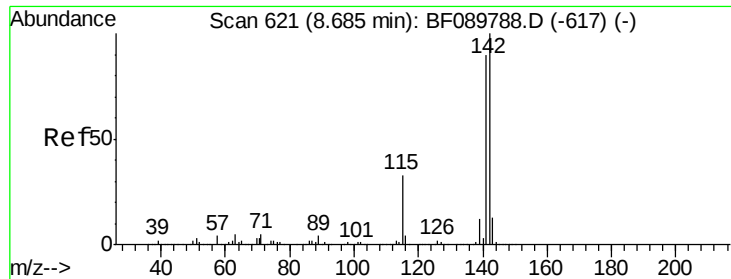
Tgt Ion:113 Resp: 413146
 Ion Ratio Lower Upper
 113 100
 55 135.1 135.9 175.9#
 56 100.2 93.9 133.9



#36
 4-Chloro-3-methylphenol
 Concen: 41.71 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:107 Resp: 1362202
 Ion Ratio Lower Upper
 107 100
 144 29.0 22.6 34.0
 142 87.0 69.3 103.9

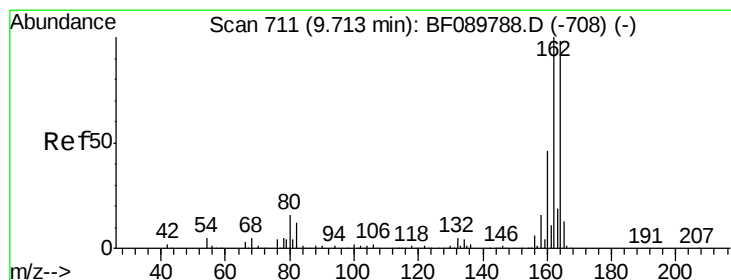
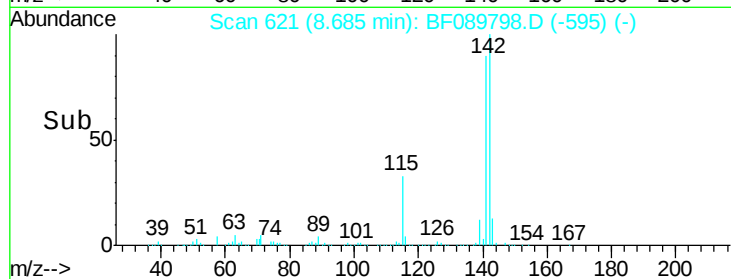
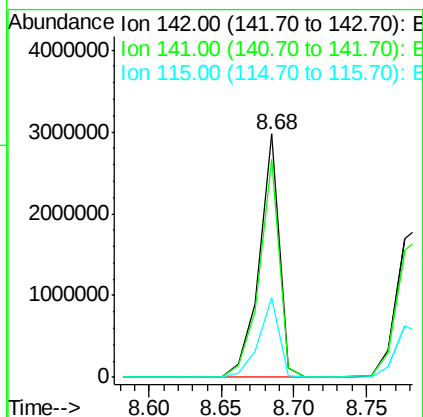
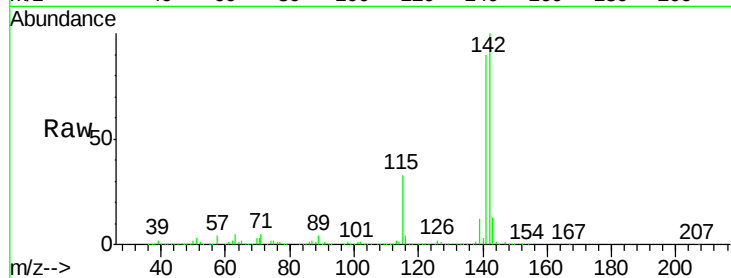




#37
 2-Methylnaphthalene
 Concen: 42.62 ng
 RT: 8.68 min Scan# 621
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

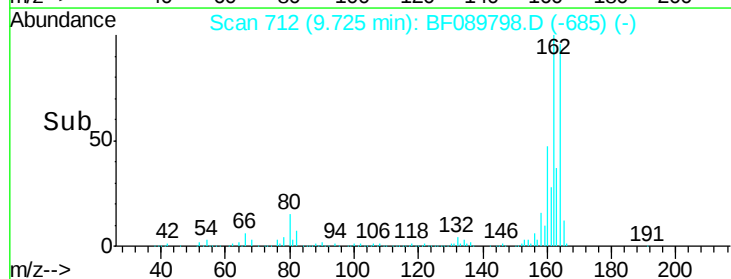
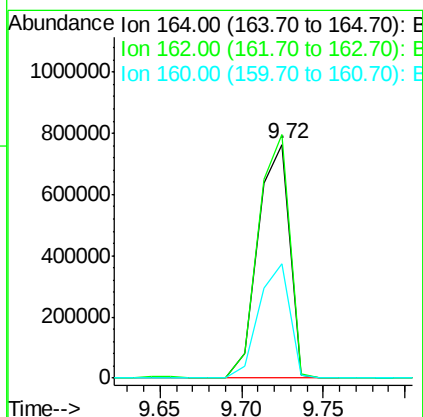
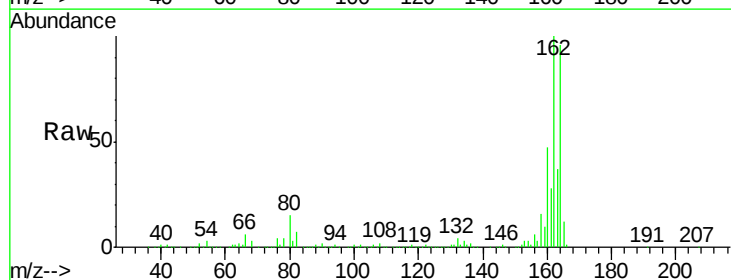
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

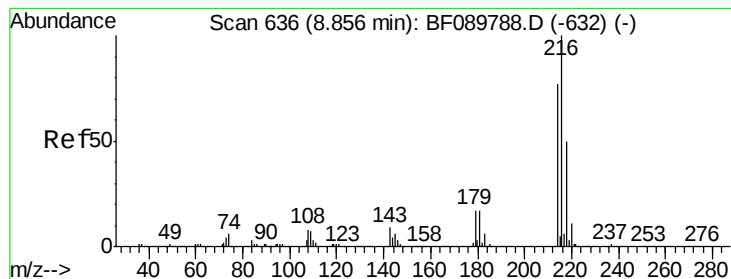
Tgt Ion:142 Resp: 2851452
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.4 107.2
 115 32.9 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:164 Resp: 1026038
 Ion Ratio Lower Upper
 164 100
 162 104.0 81.4 122.2
 160 48.9 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.29 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

Tgt Ion:216 Resp: 1006278

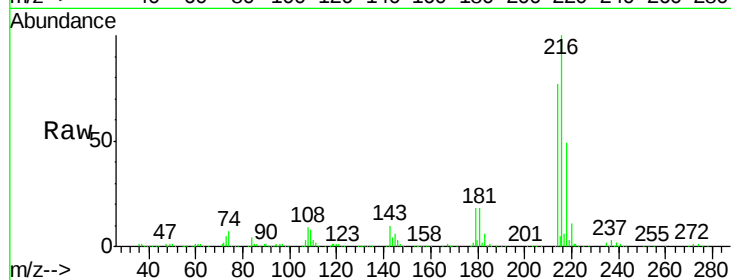
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 21.5 19.9 29.9

108 21.3 19.9 29.9

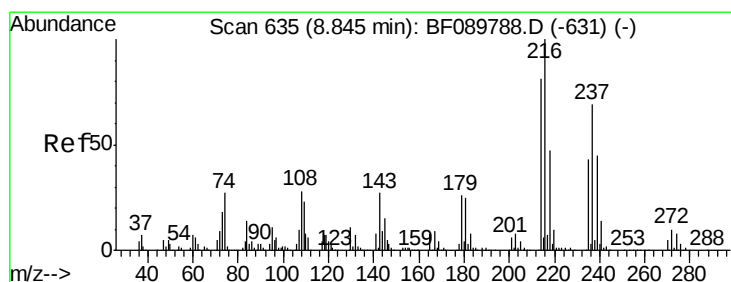
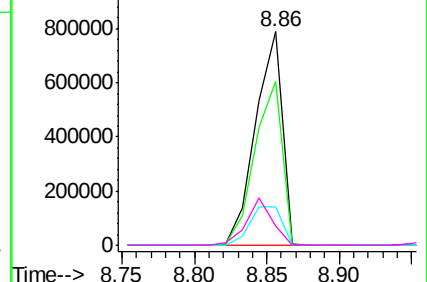
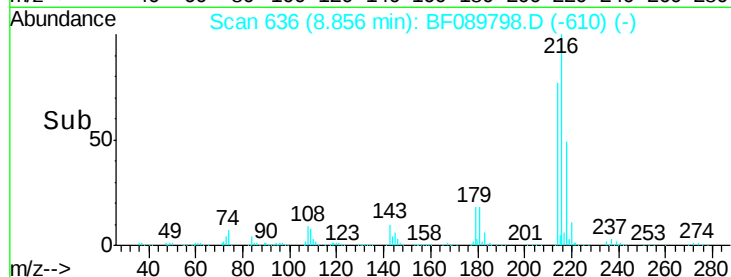


Abundance Ion 216.00 (215.70 to 216.70): E

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: 98.05 ng

RT: 8.84 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

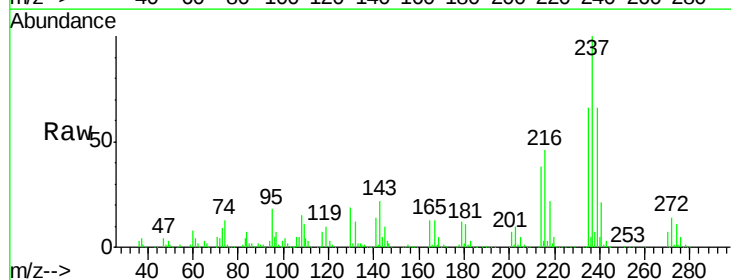
Tgt Ion:237 Resp: 1131086

Ion Ratio Lower Upper

237 100

235 66.0 43.7 83.7

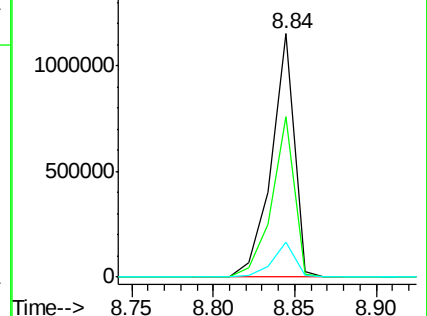
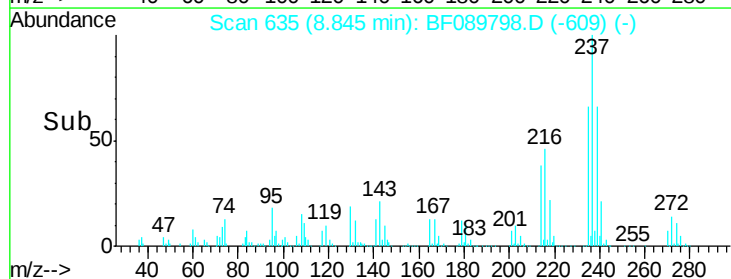
272 14.1 0.0 31.6

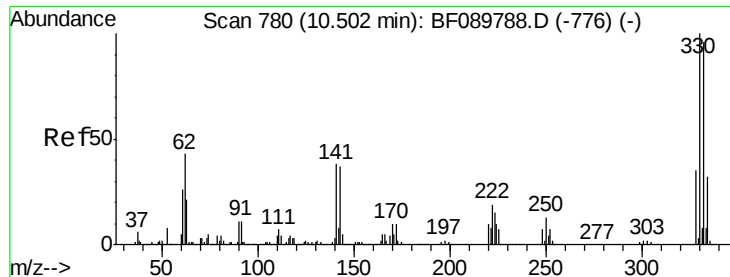


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

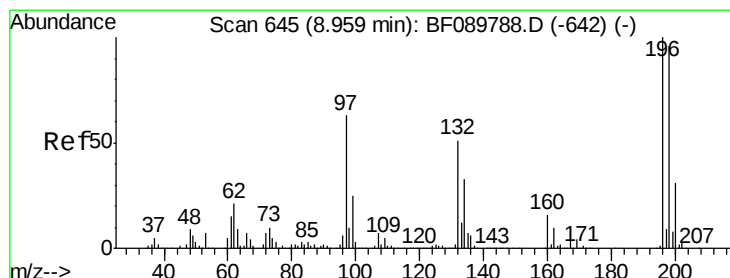
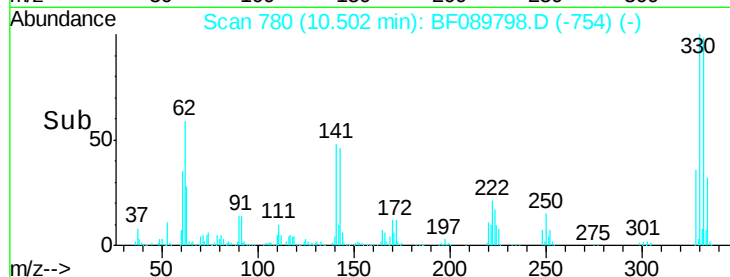
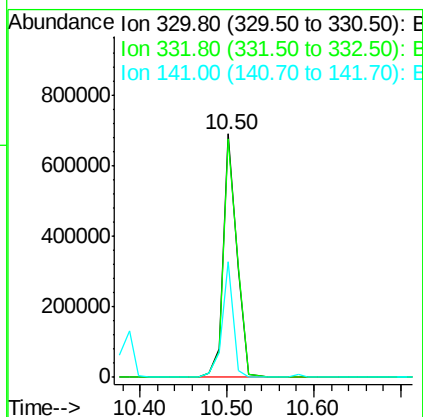
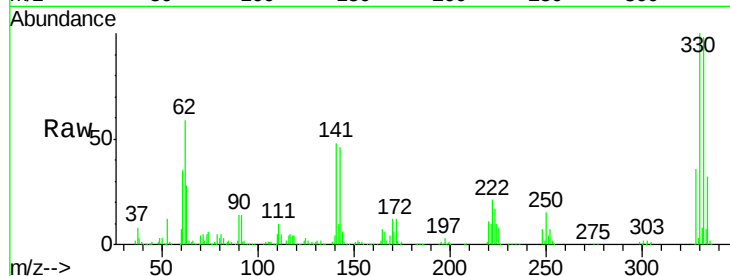




#41
 2,4,6-Tribromophenol
 Concen: 78.09 ng
 RT: 10.50 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

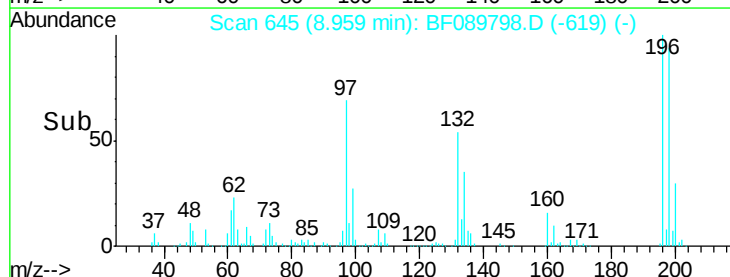
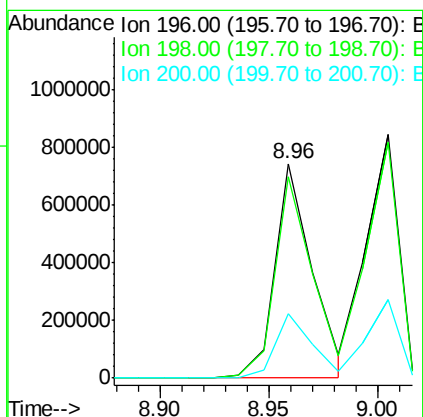
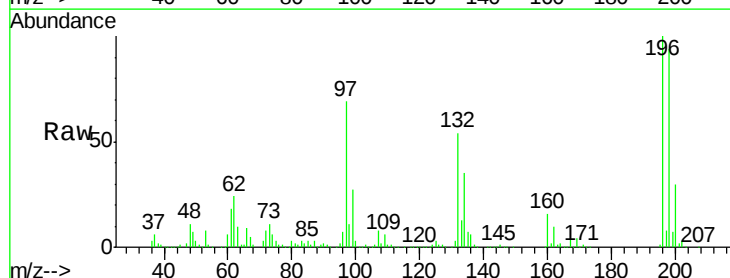
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

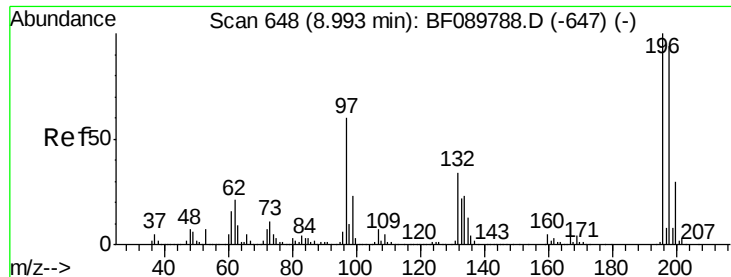
Tgt Ion:330 Resp: 761464
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.7 115.1
 141 39.1 30.2 45.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.67 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:196 Resp: 891928
 Ion Ratio Lower Upper
 196 100
 198 94.1 76.3 114.5
 200 30.2 24.6 36.8

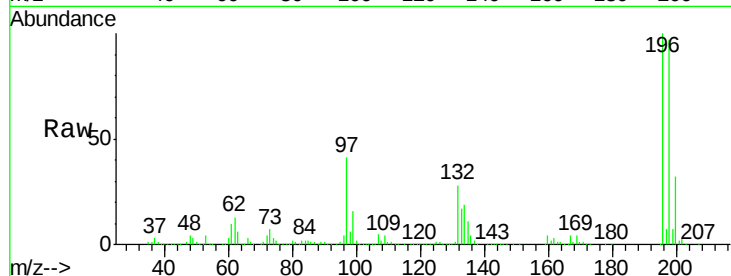




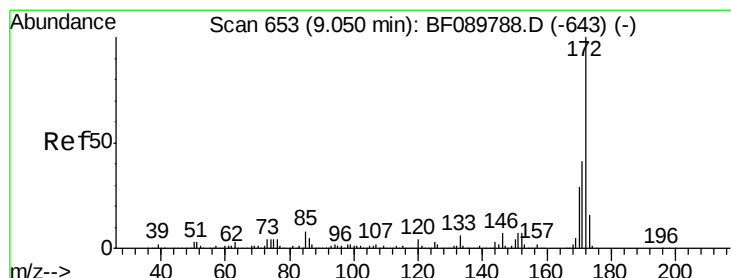
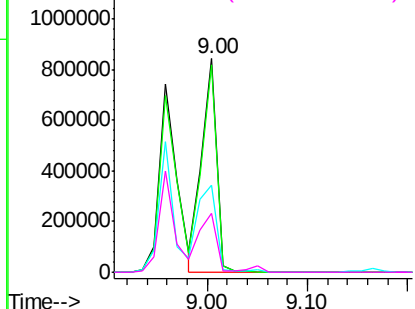
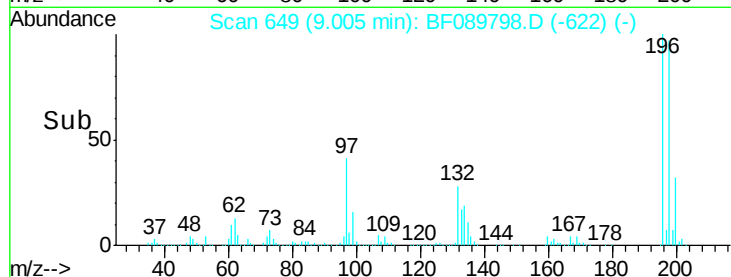
#43
 2,4,5-Trichlorophenol
 Concen: 42.33 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tgt Ion:196 Resp: 880088
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.6 114.8
 97 41.0 35.8 53.8
 132 27.7 23.5 35.3

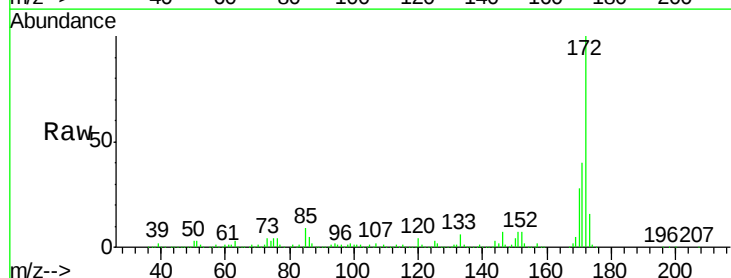


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

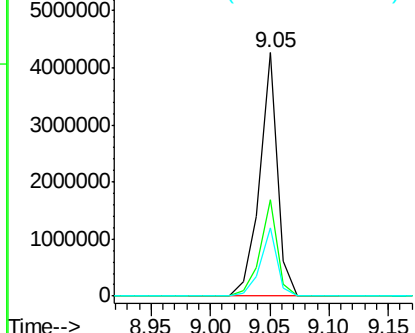
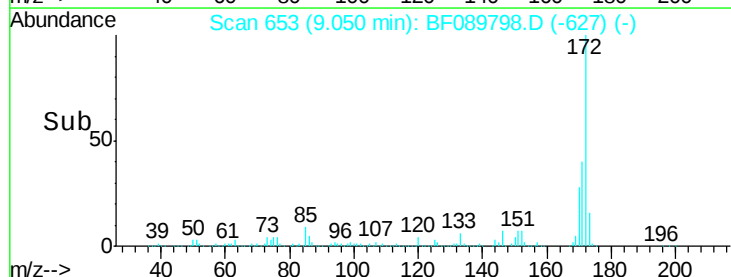


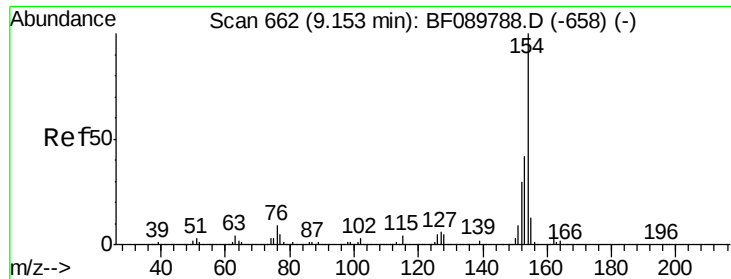
#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:172 Resp: 4492379
 Ion Ratio Lower Upper
 172 100
 171 39.9 30.5 45.7
 170 27.9 20.6 31.0



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

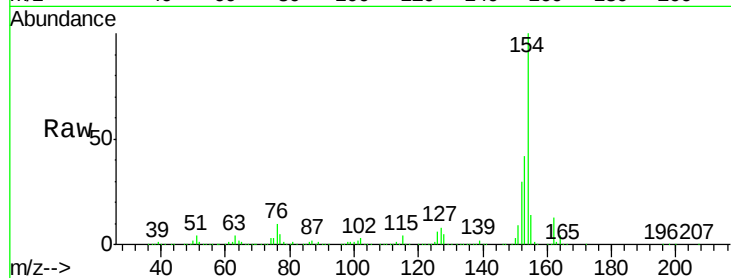




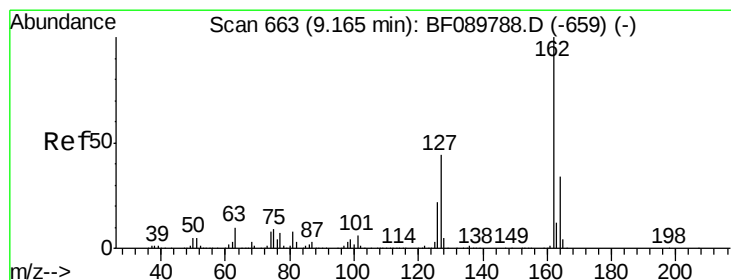
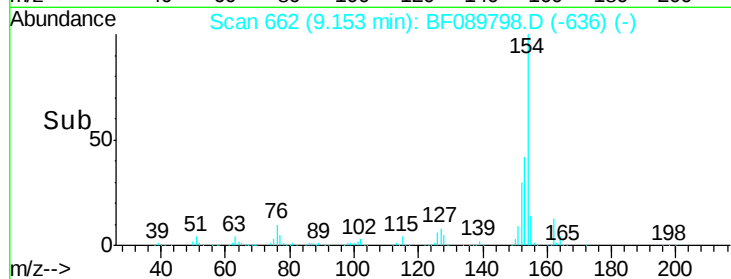
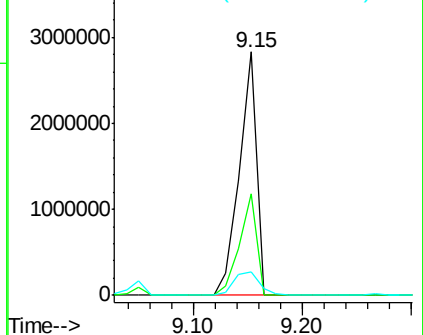
#45
 1,1'-Biphenyl
 Concen: 38.41 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tgt Ion:154 Resp: 3049834
 Ion Ratio Lower Upper
 154 100
 153 41.8 21.5 61.5
 76 9.7 0.0 36.7

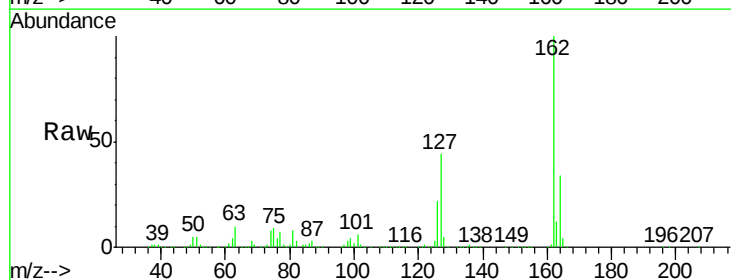


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

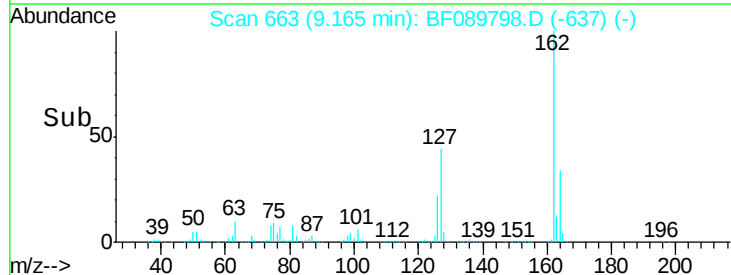
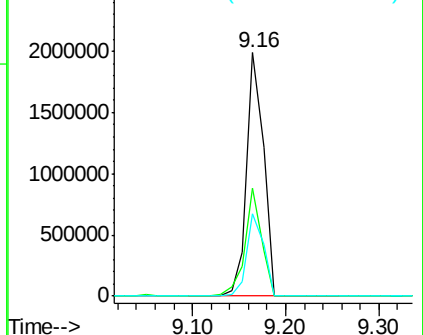


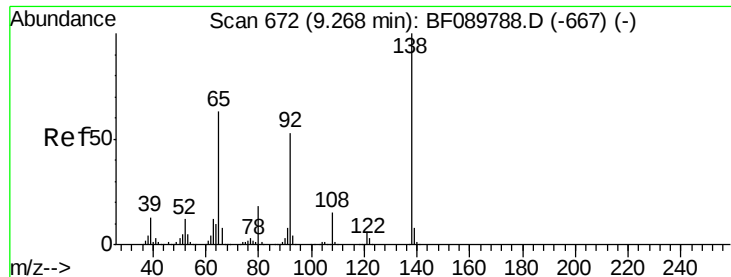
#46
 2-Chloronaphthalene
 Concen: 39.62 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:162 Resp: 2486822
 Ion Ratio Lower Upper
 162 100
 127 44.1 35.5 53.3
 164 33.8 26.6 40.0



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: 49.91 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

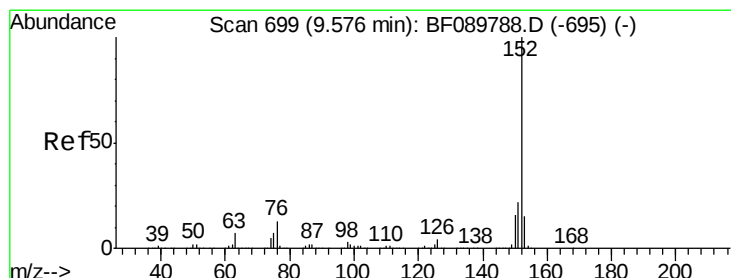
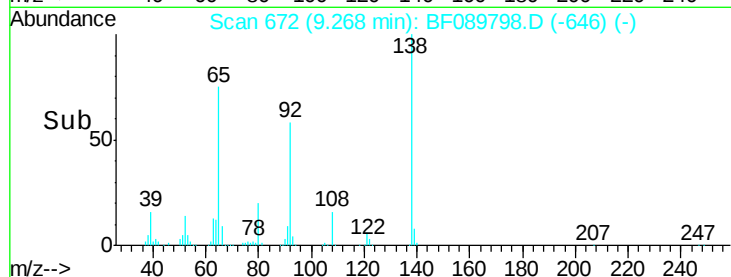
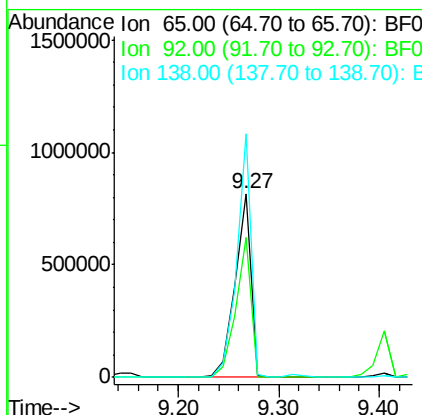
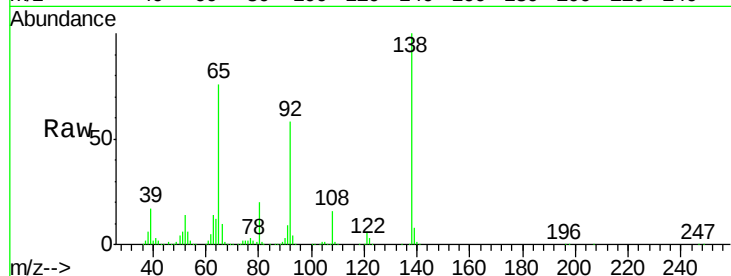
Tgt Ion: 65 Resp: 893446

Ion Ratio Lower Upper

65 100

92 76.3 56.3 84.5

138 132.3 81.8 122.8#



#48

Acenaphthylene

Concen: 43.18 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

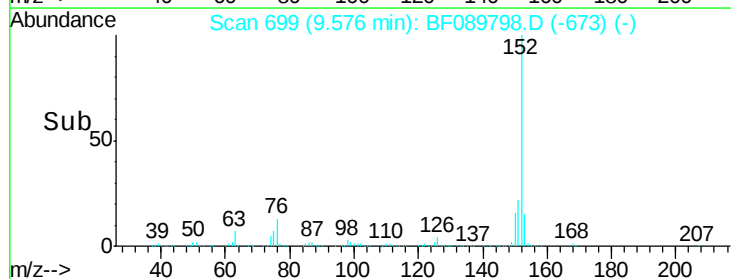
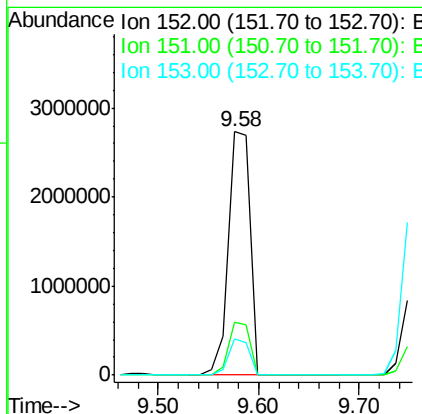
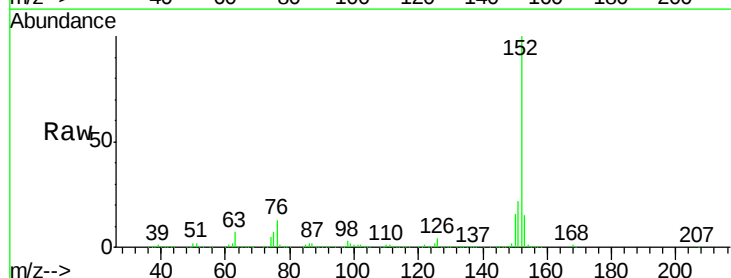
Tgt Ion: 152 Resp: 4072325

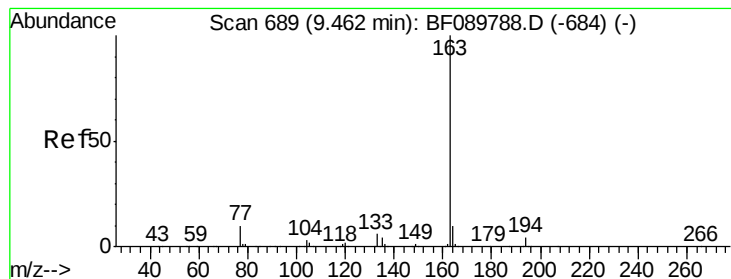
Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 14.7 11.2 16.8





#49

Dimethylphthalate

Concen: 43.99 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

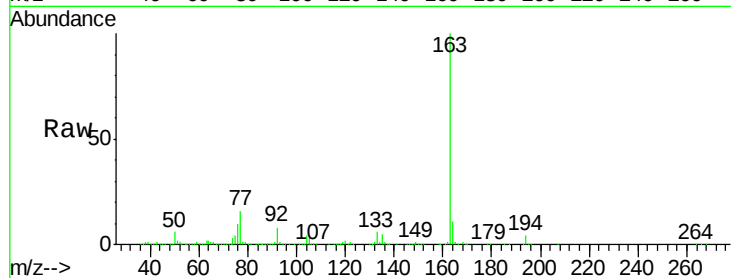
Tgt Ion:163 Resp: 3178302

Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

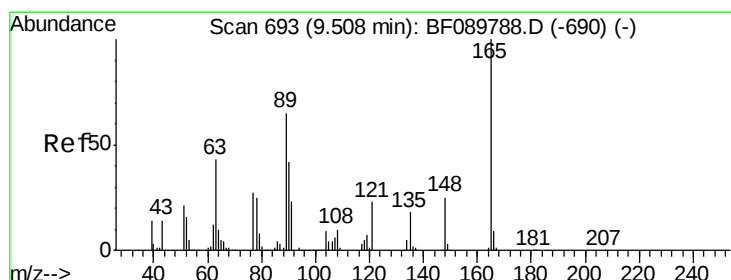
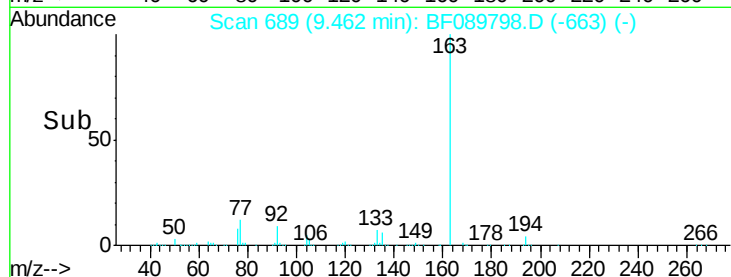
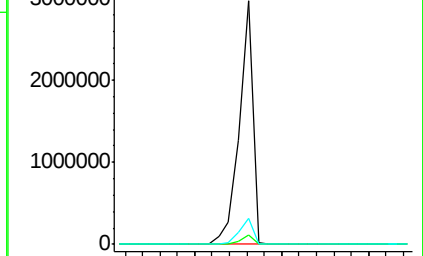
164 10.8 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.22 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

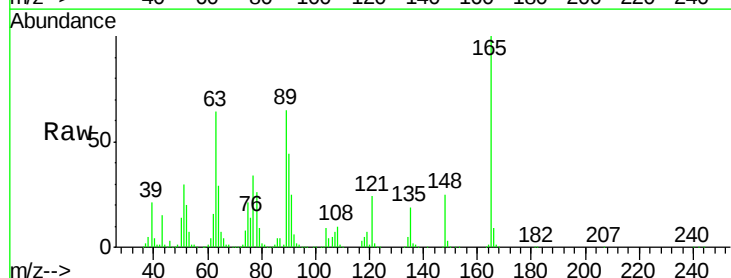
Tgt Ion:165 Resp: 637511

Ion Ratio Lower Upper

165 100

63 63.9 41.7 62.5#

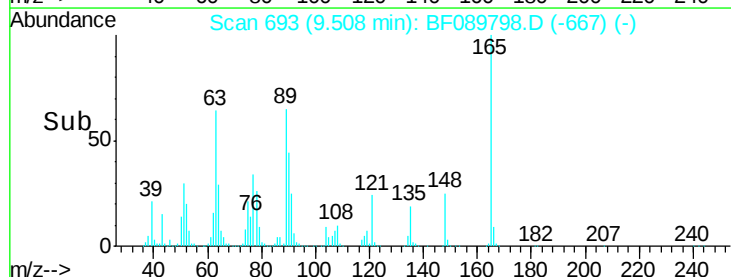
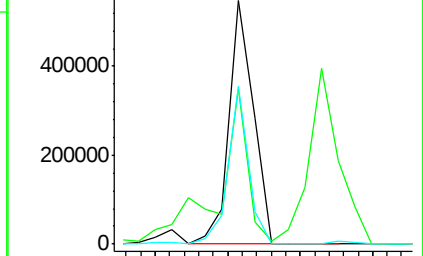
89 64.9 44.6 67.0

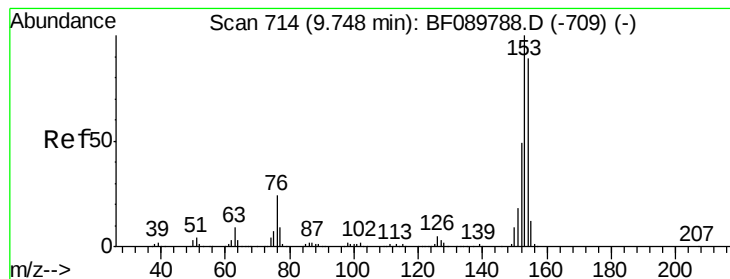


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.45 ng

RT: 9.76 min Scan# 715

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

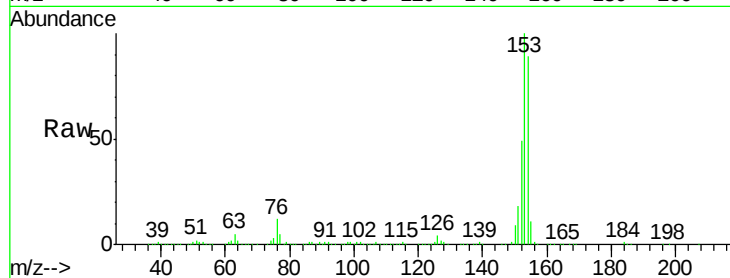
Tgt Ion:154 Resp: 3024462

Ion Ratio Lower Upper

154 100

153 111.9 90.5 135.7

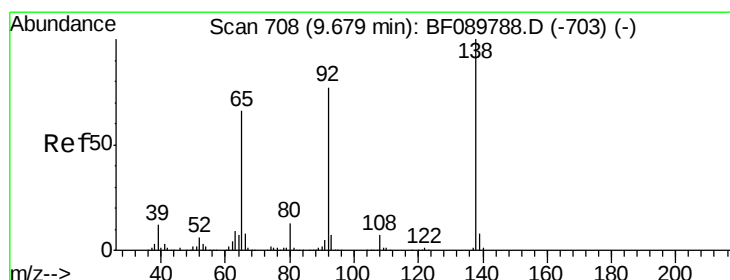
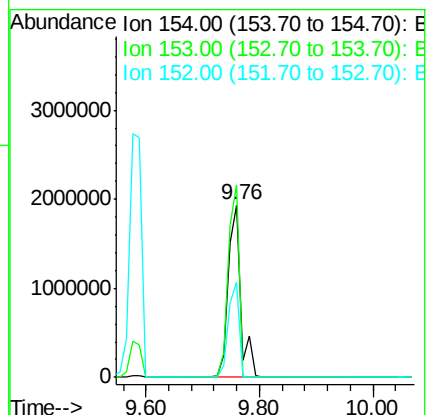
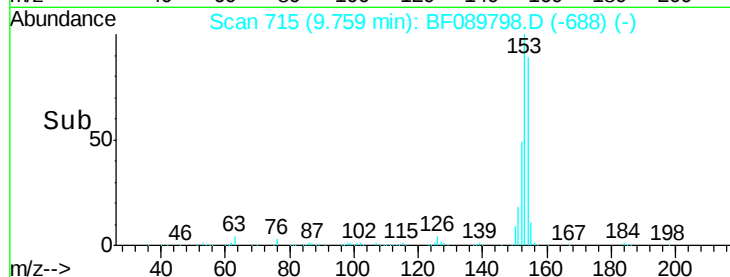
152 55.3 44.6 67.0



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: 19.76 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

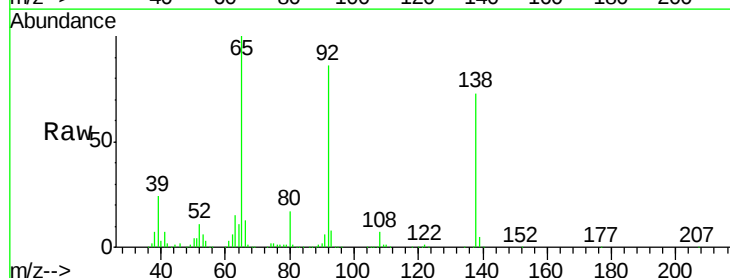
Tgt Ion:138 Resp: 365170

Ion Ratio Lower Upper

138 100

108 9.5 8.1 12.1

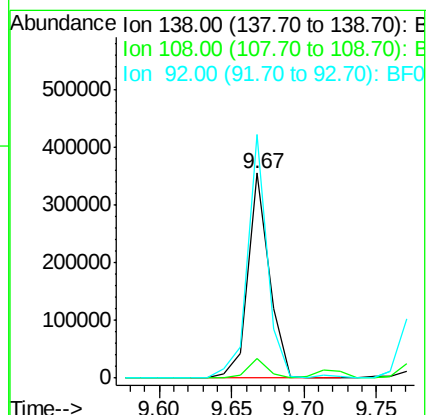
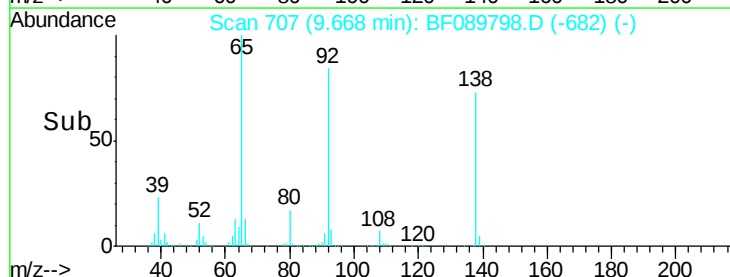
92 118.8 92.7 139.1

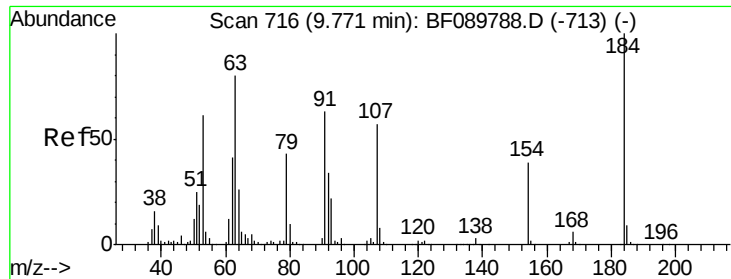


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

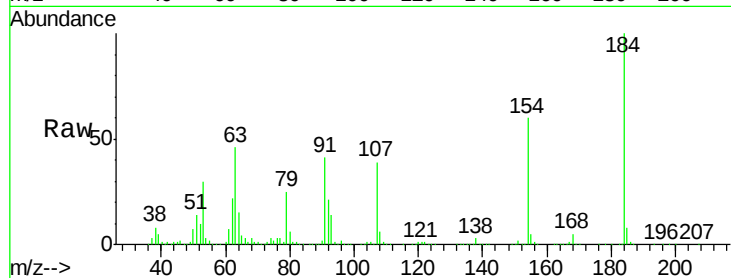




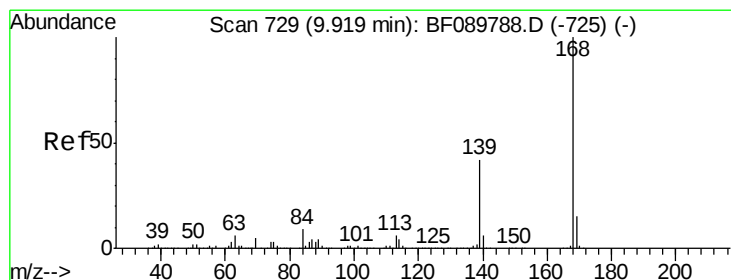
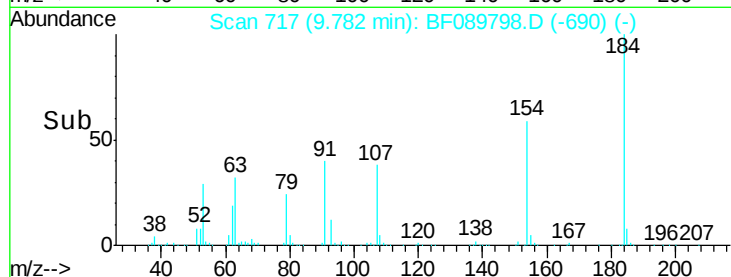
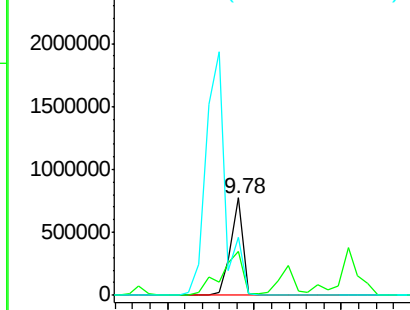
#53
 2,4-Dinitrophenol
 Concen: 78.24 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tgt Ion:184 Resp: 761583
 Ion Ratio Lower Upper
 184 100
 63 45.6 54.2 81.4#
 154 59.6 52.7 79.1

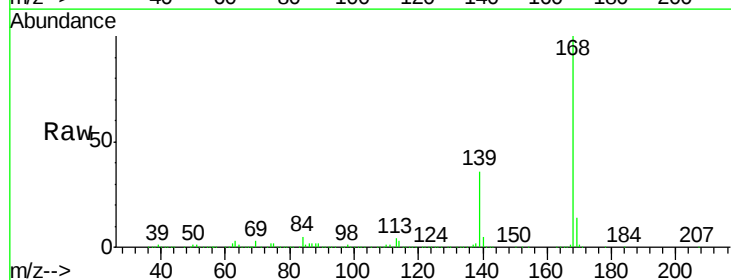


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

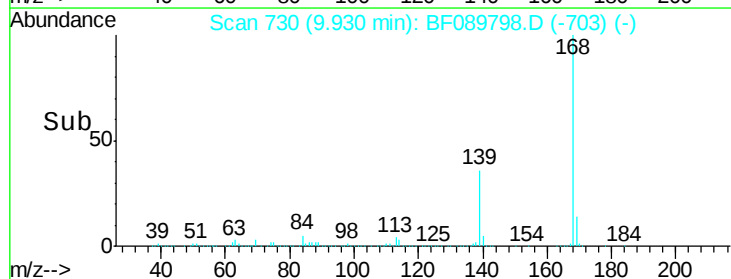
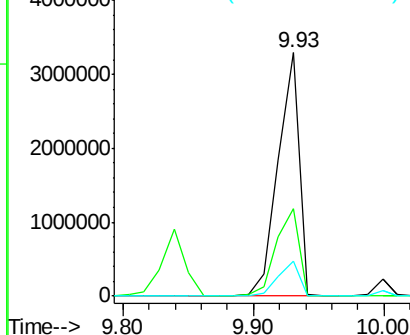


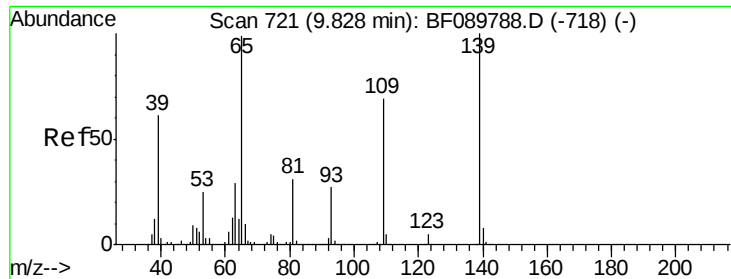
#54
 Dibenzofuran
 Concen: 47.92 ng
 RT: 9.93 min Scan# 730
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:168 Resp: 3756940
 Ion Ratio Lower Upper
 168 100
 139 35.8 34.6 52.0
 169 14.2 11.5 17.3



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

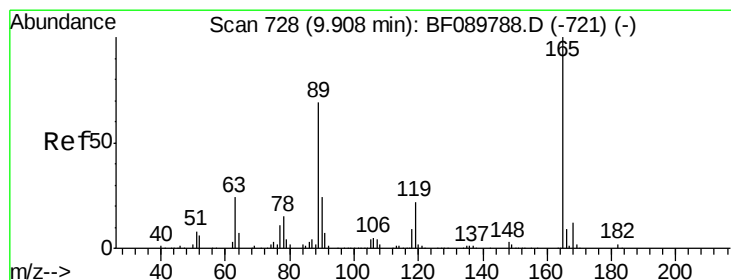
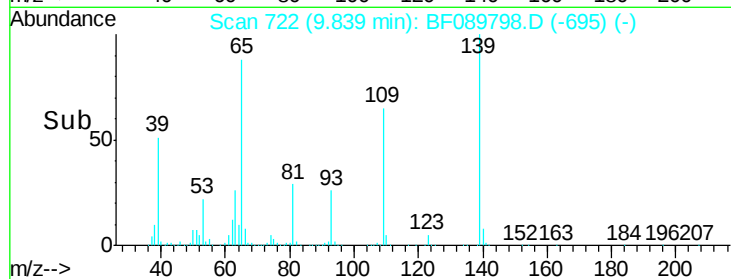
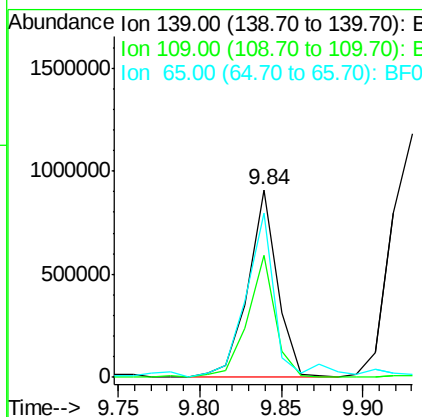
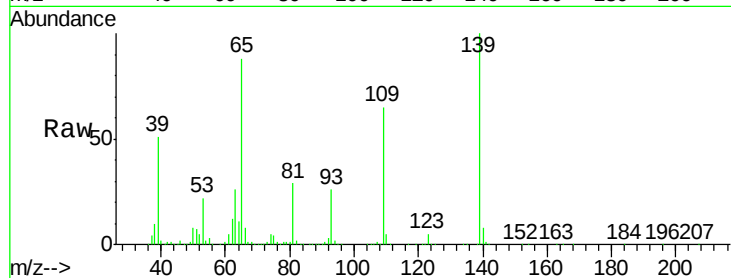




#55
4-Nitrophenol
Concen: 75.38 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

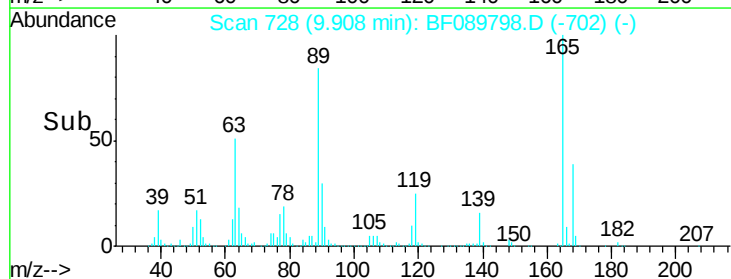
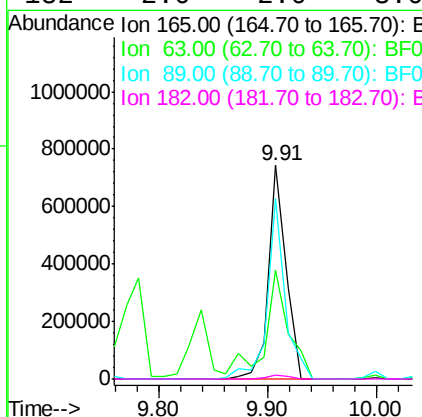
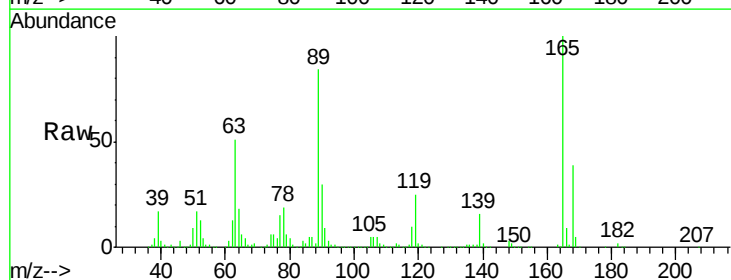
Instrument :
BNA_F
ClientSampleId :
PB92975BSD

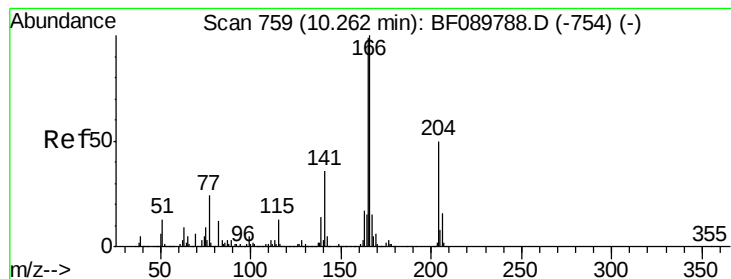
Tgt Ion:139 Resp: 1136984
Ion Ratio Lower Upper
139 100
109 64.9 43.0 83.0
65 87.7 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 38.78 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:165 Resp: 839267
Ion Ratio Lower Upper
165 100
63 50.7 23.7 35.5#
89 84.3 44.0 66.0#
182 2.0 2.0 3.0#





#57

Fluorene

Concen: 42.64 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampled :

PB92975BSD

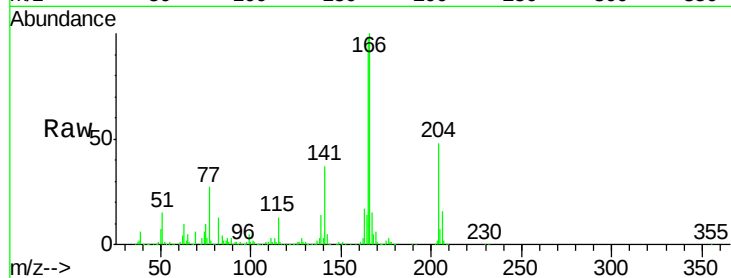
Tgt Ion:166 Resp: 2664165

Ion Ratio Lower Upper

166 100

165 97.5 80.2 120.4

167 14.6 11.3 16.9

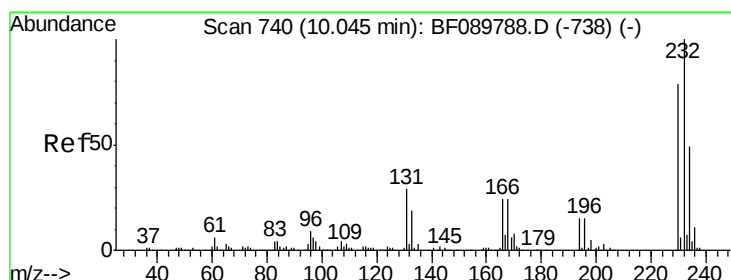
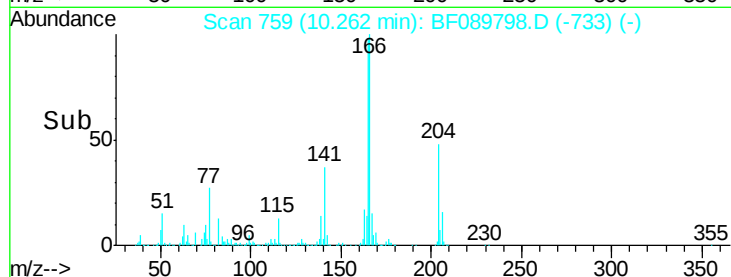
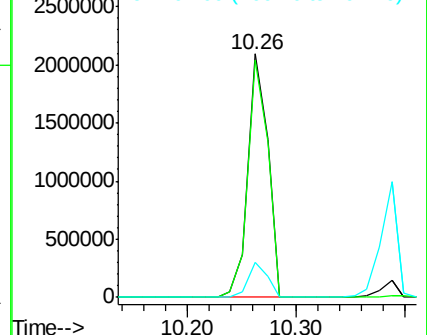


Abundance

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: 49.95 ng

RT: 10.04 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:232 Resp: 755766

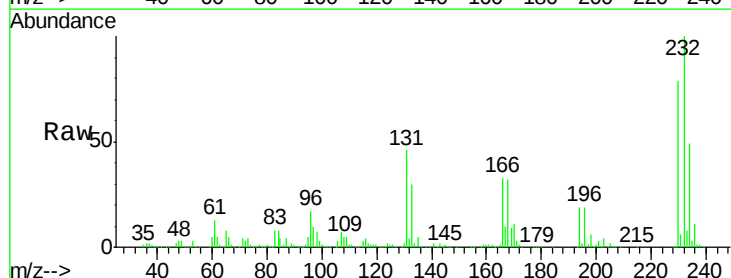
Ion Ratio Lower Upper

232 100

131 51.1 42.5 63.7

130 2.5 2.2 3.4

166 34.3 27.3 40.9



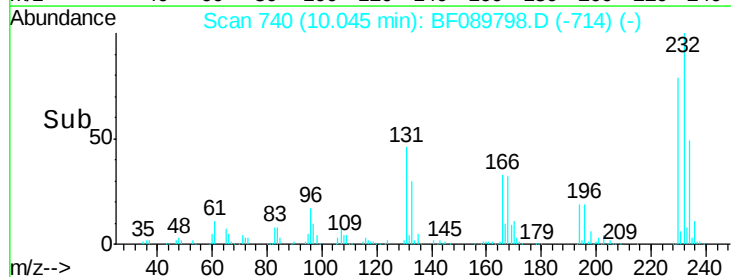
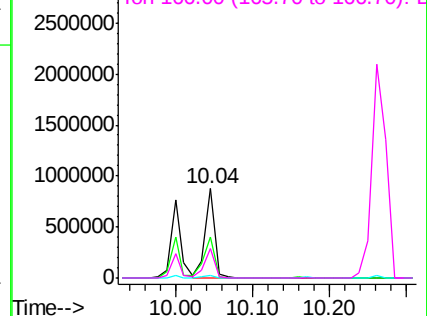
Abundance

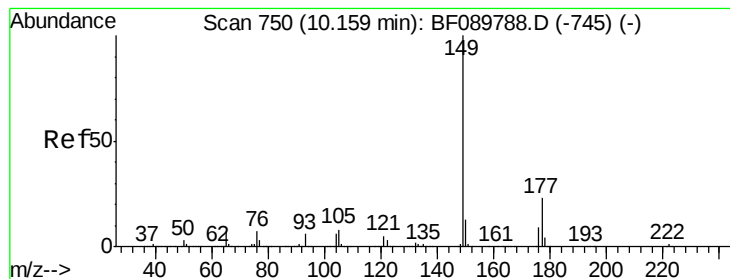
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.85 ng

RT: 10.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

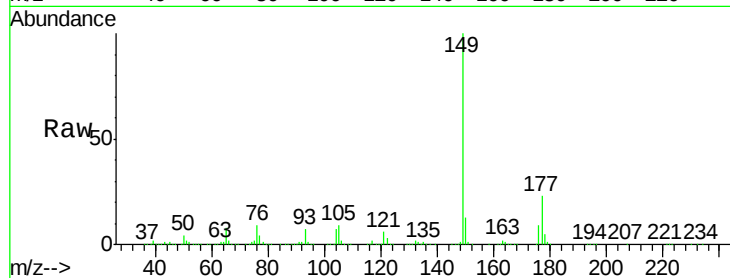
Tgt Ion:149 Resp: 3071188

Ion Ratio Lower Upper

149 100

177 22.7 16.6 25.0

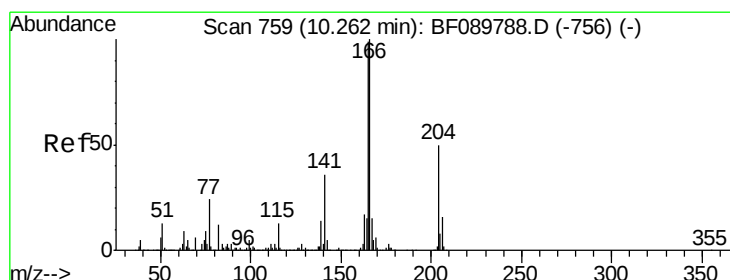
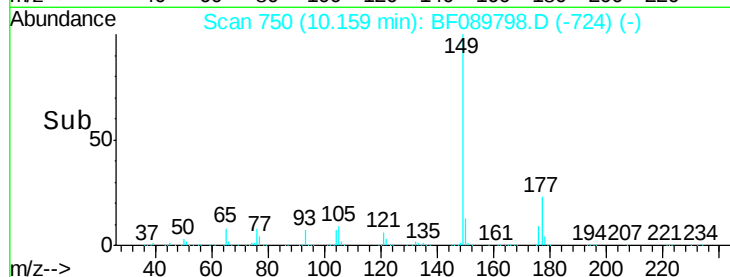
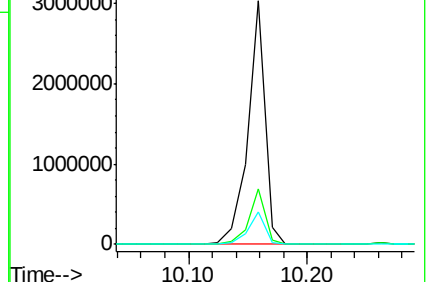
150 13.5 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.76 ng

RT: 10.26 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

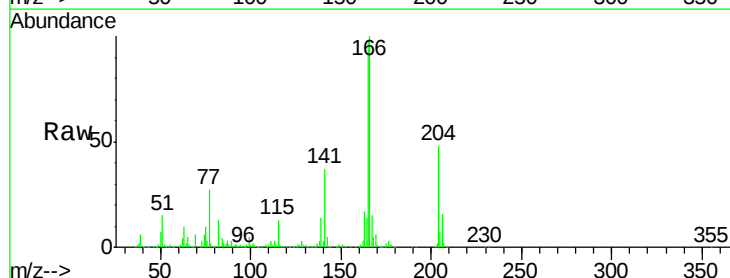
Tgt Ion:204 Resp: 1104721

Ion Ratio Lower Upper

204 100

206 33.3 26.5 39.7

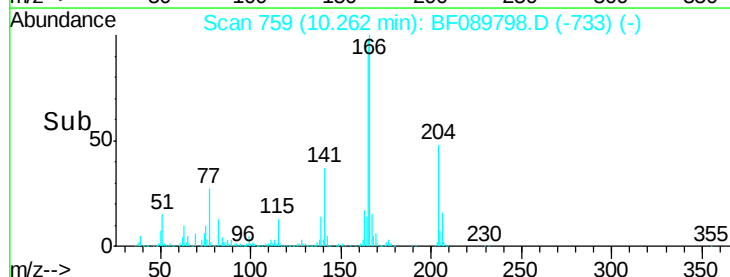
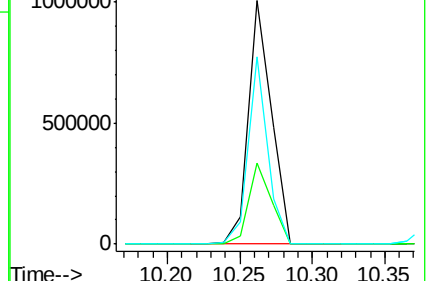
141 76.8 54.1 81.1

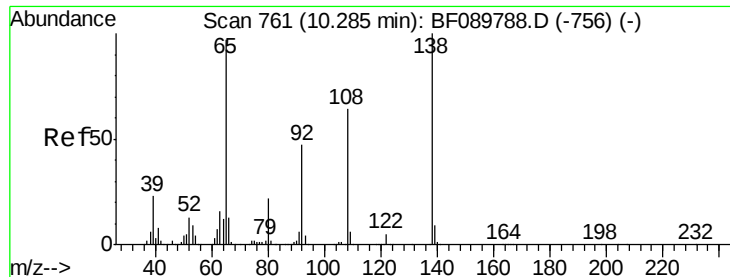


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

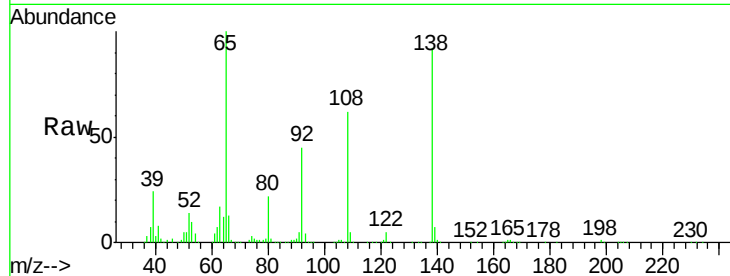




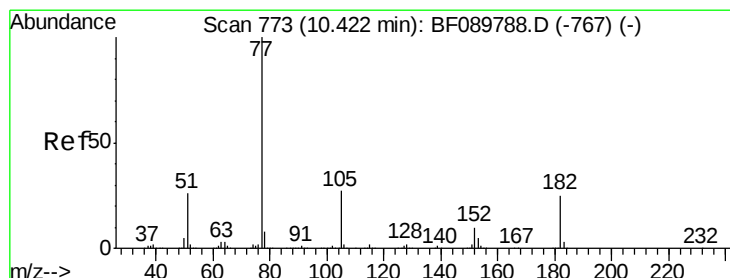
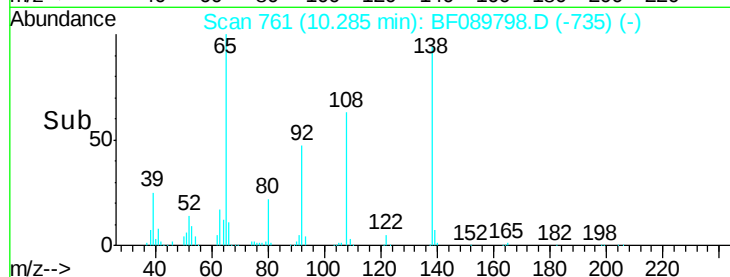
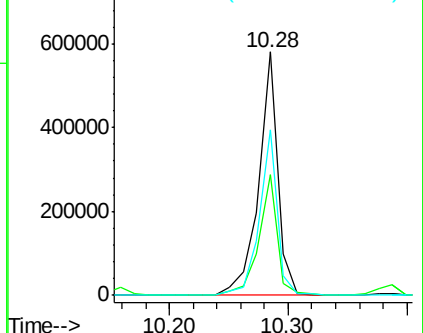
#61
4-Nitroaniline
Concen: 38.09 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tgt Ion:138 Resp: 659914
Ion Ratio Lower Upper
138 100
92 49.6 26.4 66.4
108 67.8 47.0 87.0

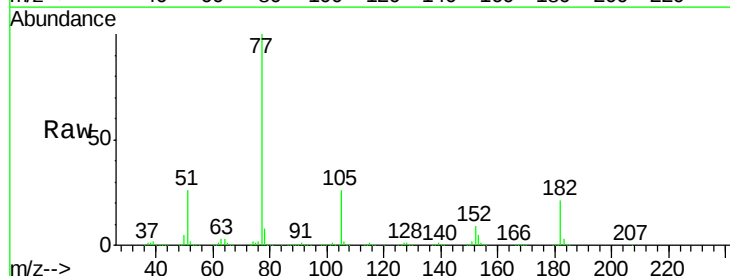


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

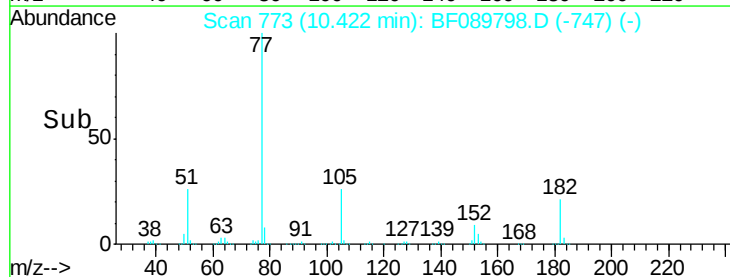
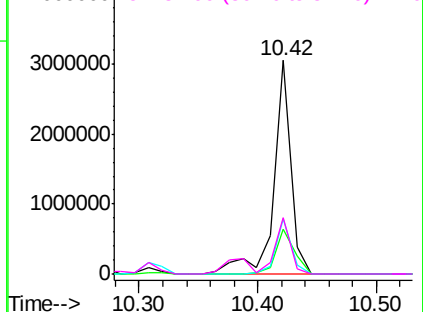


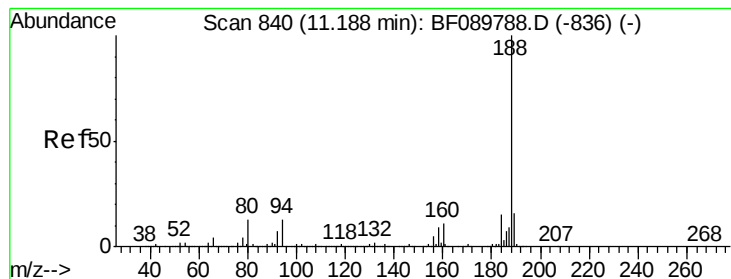
#62
Azobenzene
Concen: 44.85 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion: 77 Resp: 3094728
Ion Ratio Lower Upper
77 100
182 21.2 5.6 45.6
105 25.8 4.0 44.0
51 26.3 7.8 47.8



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: 11.20 min Scan# 841

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

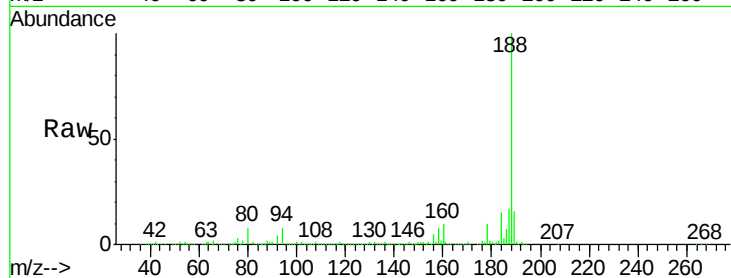
Tgt Ion:188 Resp: 1860031

Ion Ratio Lower Upper

188 100

94 7.8 10.2 15.2#

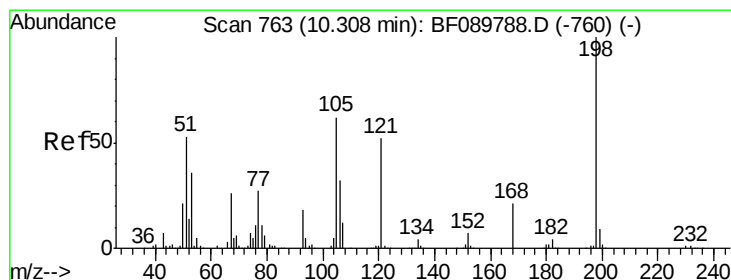
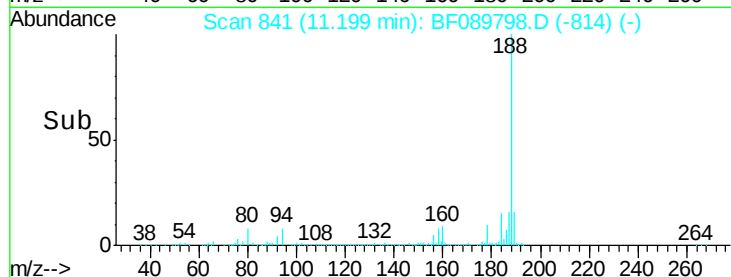
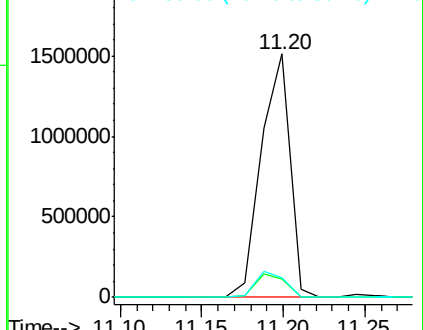
80 7.8 10.9 16.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 42.88 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

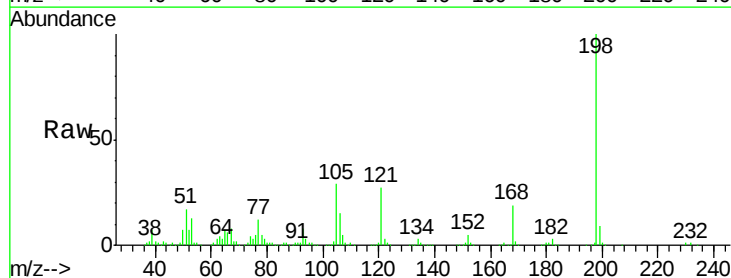
Tgt Ion:198 Resp: 458348

Ion Ratio Lower Upper

198 100

51 17.4 32.3 72.3#

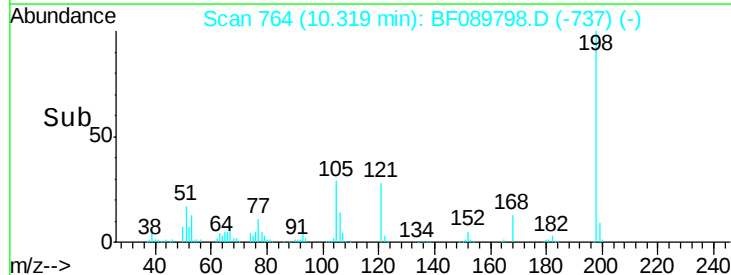
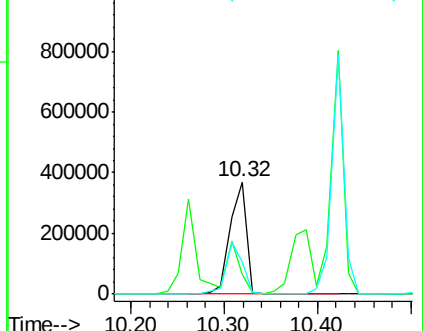
105 28.7 32.9 72.9#

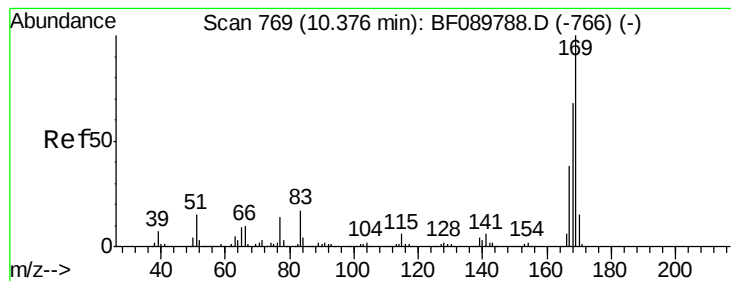


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

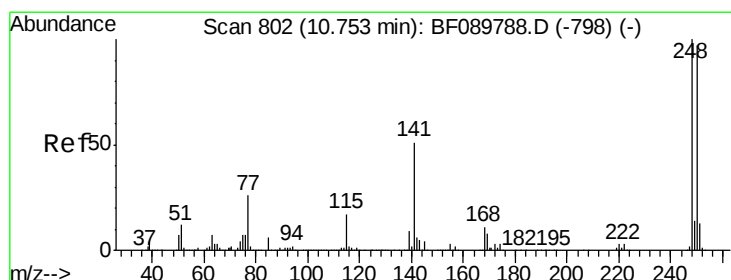
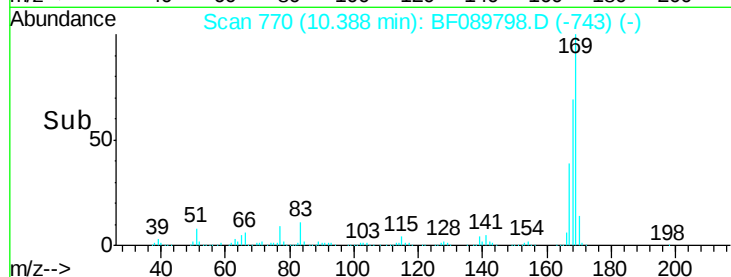
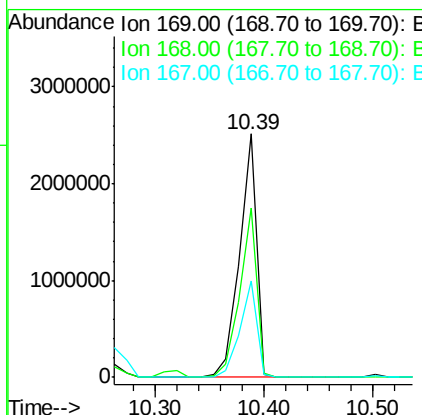
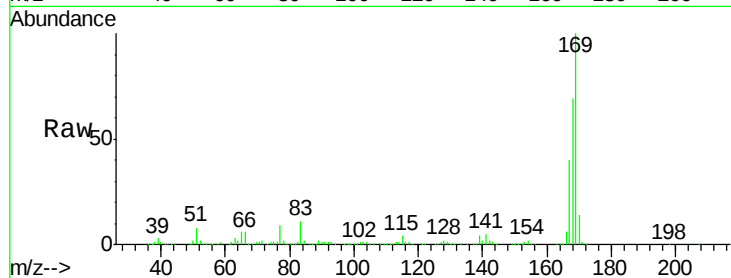




#65
 n-Nitrosodiphenylamine
 Concen: 45.69 ng
 RT: 10.39 min Scan# 770
 Delta R.T. 0.01 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

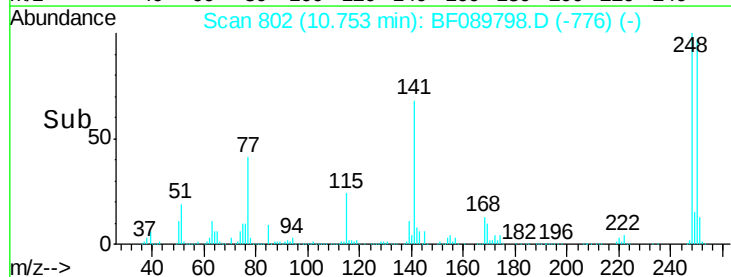
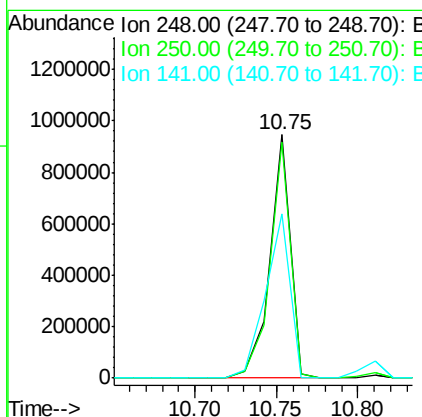
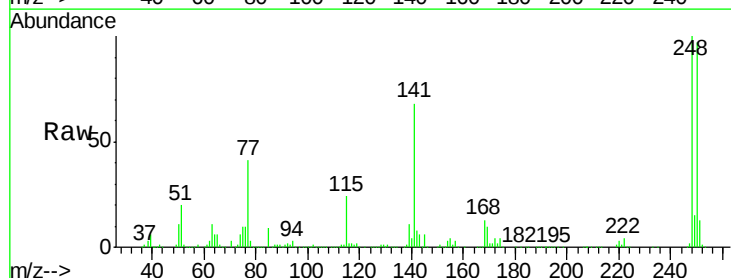
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

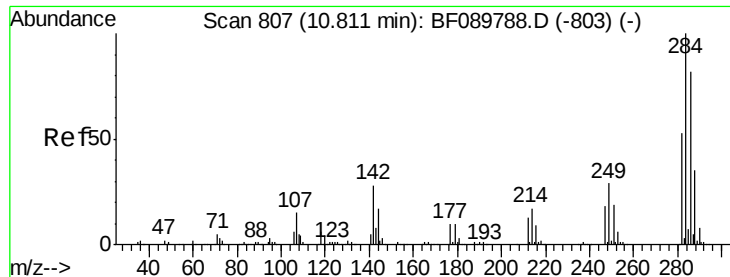
Tgt Ion:169 Resp: 2671875
 Ion Ratio Lower Upper
 169 100
 168 69.4 54.6 82.0
 167 39.5 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 42.63 ng
 RT: 10.75 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:248 Resp: 831334
 Ion Ratio Lower Upper
 248 100
 250 96.7 78.6 117.8
 141 67.6 31.4 47.2#

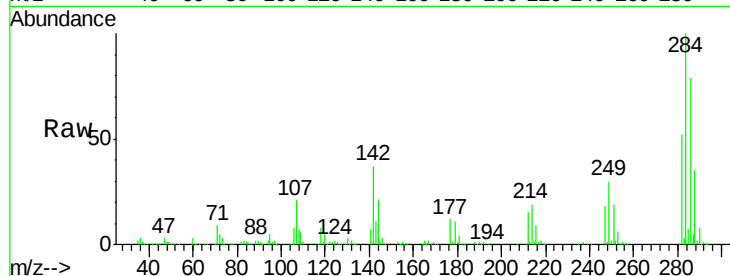




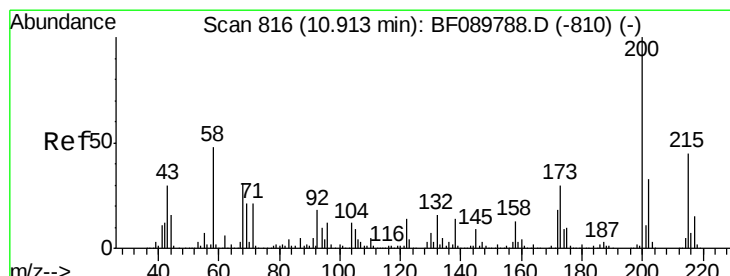
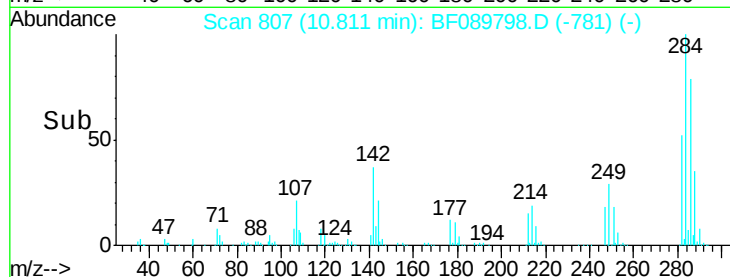
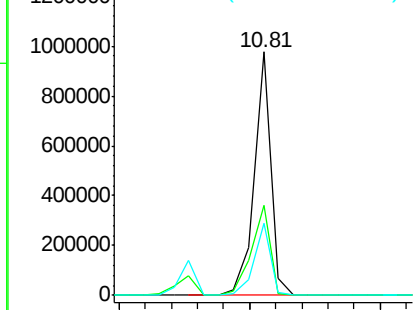
#67
Hexachlorobenzene
Concen: 39.02 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tgt Ion:284 Resp: 868001
Ion Ratio Lower Upper
284 100
142 37.0 17.4 26.2#
249 29.5 22.8 34.2

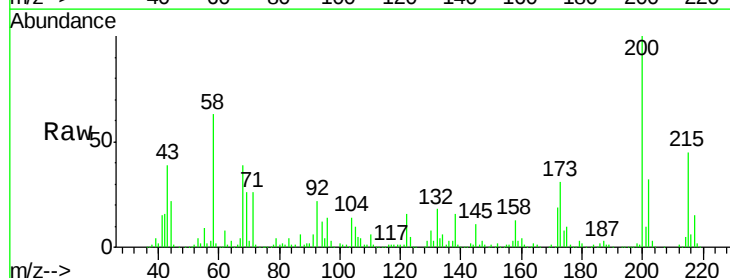


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

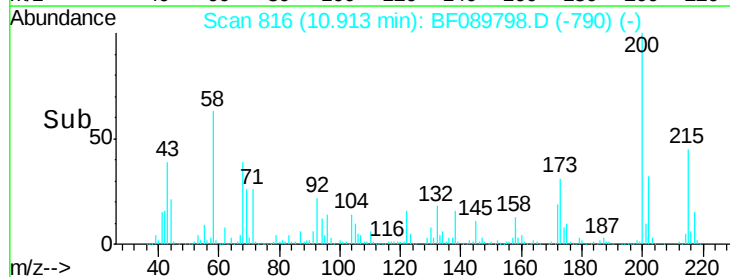
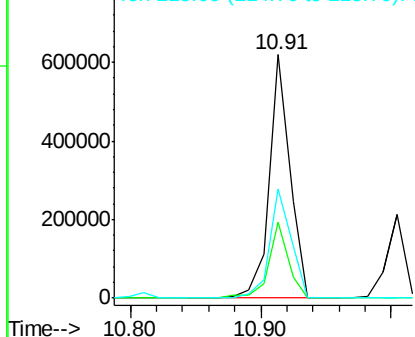


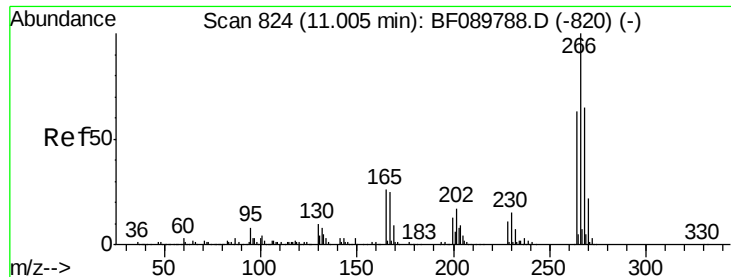
#68
Atrazine
Concen: 38.40 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:200 Resp: 687715
Ion Ratio Lower Upper
200 100
173 31.4 6.6 46.6
215 44.8 24.7 64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

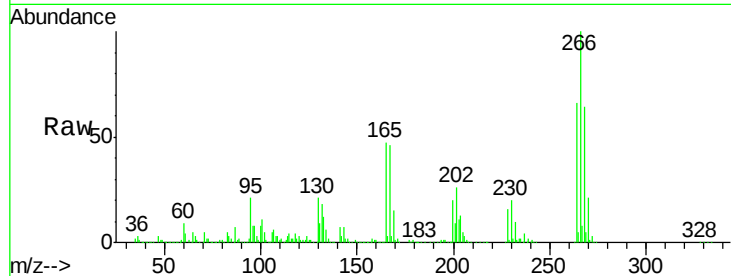




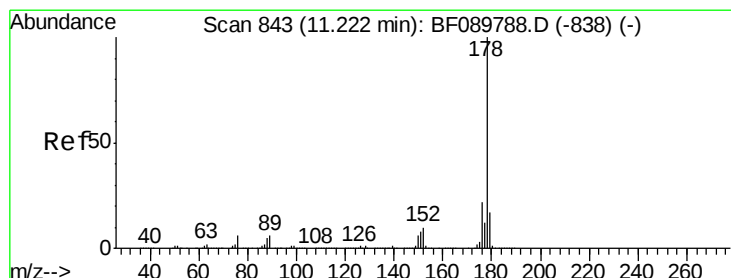
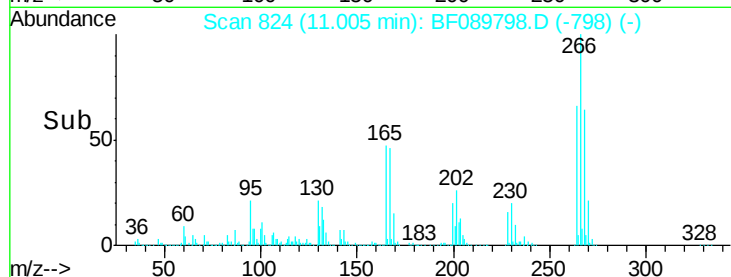
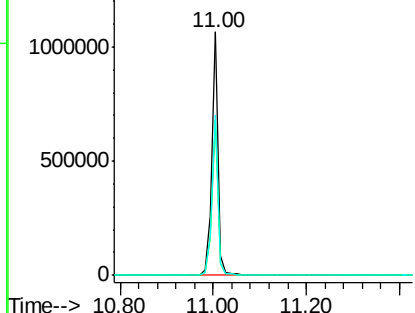
#69
 Pentachlorophenol
 Concen: 80.56 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

Tgt Ion:266 Resp: 1015874
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.2 79.8
 264 65.8 51.1 76.7

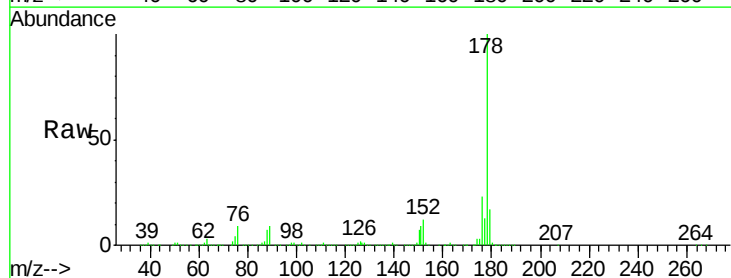


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

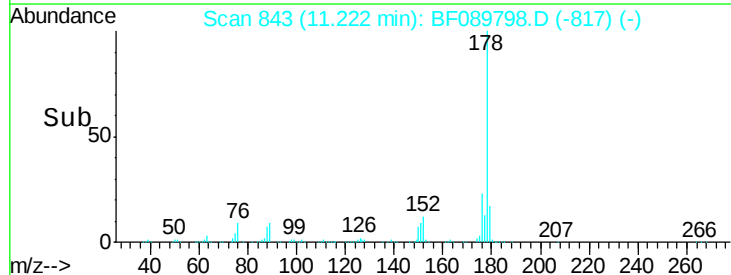
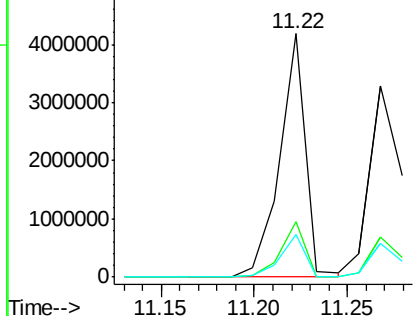


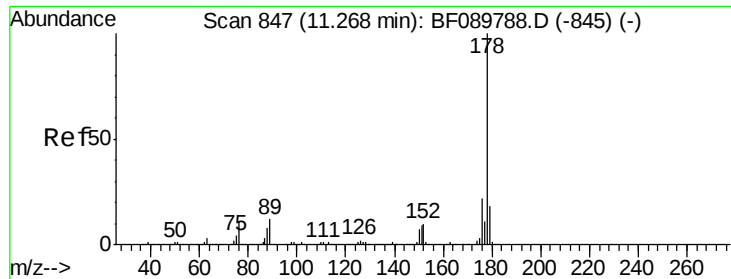
#70
 Phenanthrene
 Concen: 42.51 ng
 RT: 11.22 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:178 Resp: 3993614
 Ion Ratio Lower Upper
 178 100
 176 22.6 16.4 24.6
 179 17.5 12.5 18.7



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

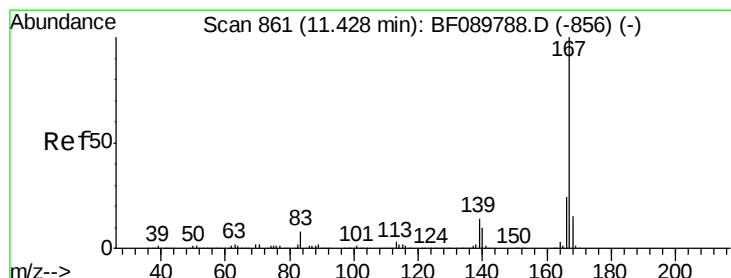
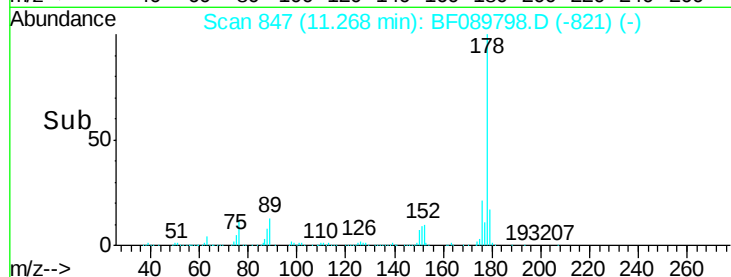
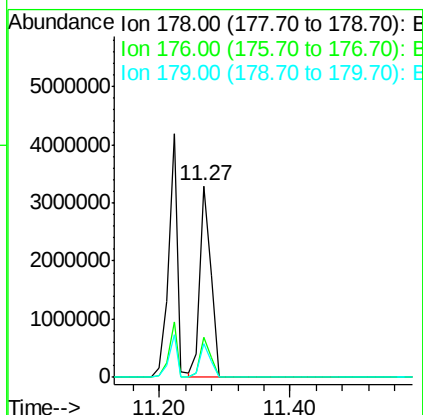
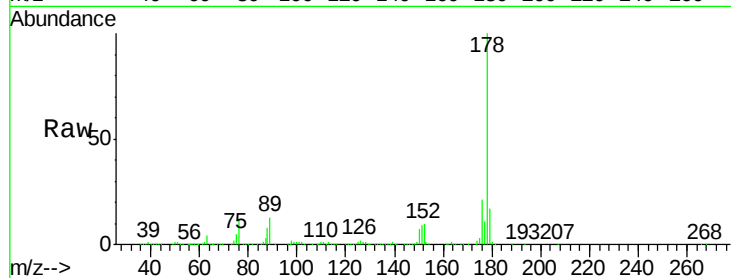




#71
 Anthracene
 Concen: 39.32 ng
 RT: 11.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

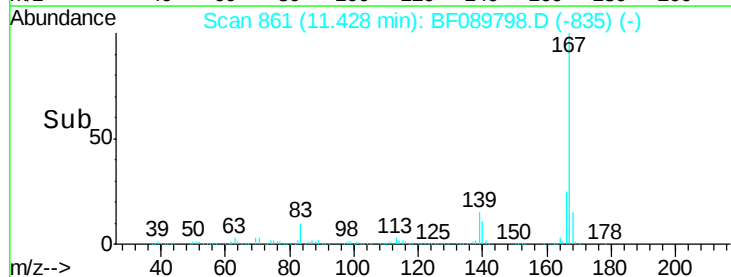
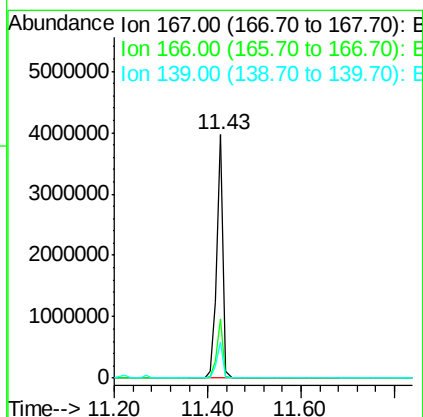
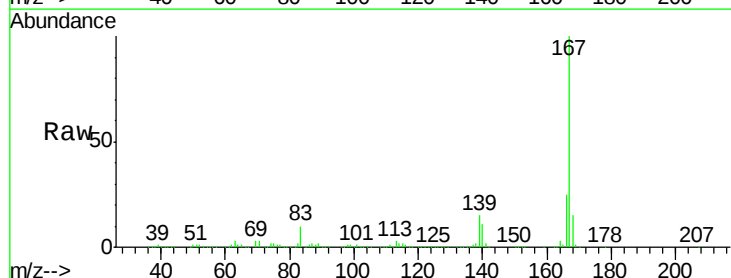
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BSD

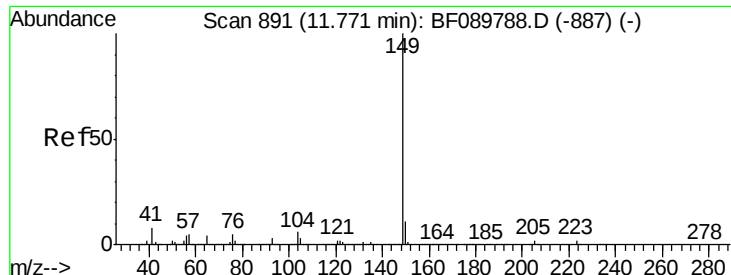
Tgt Ion:178 Resp: 3754470
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.4 24.6
 179 17.4 13.1 19.7



#72
 Carbazole
 Concen: 43.83 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.00 min
 Lab File: BF089798.D
 Acq: 19 Aug 2016 16:29

Tgt Ion:167 Resp: 3754180
 Ion Ratio Lower Upper
 167 100
 166 24.6 17.9 26.9
 139 14.7 12.4 18.6





#73

Di-n-butylphthalate

Concen: 42.51 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

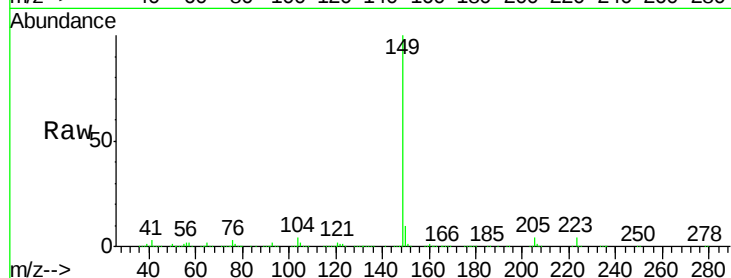
Tgt Ion:149 Resp: 4555471

Ion Ratio Lower Upper

149 100

150 9.8 7.9 11.9

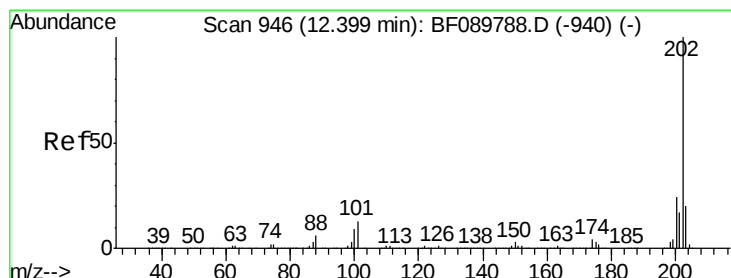
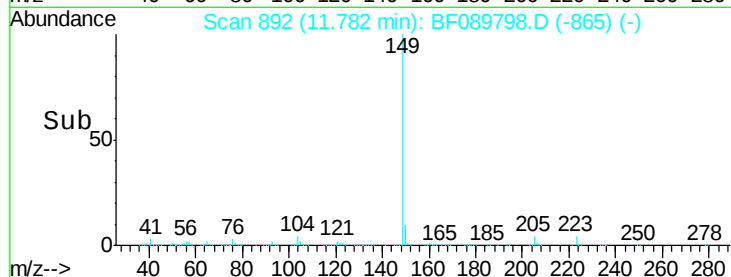
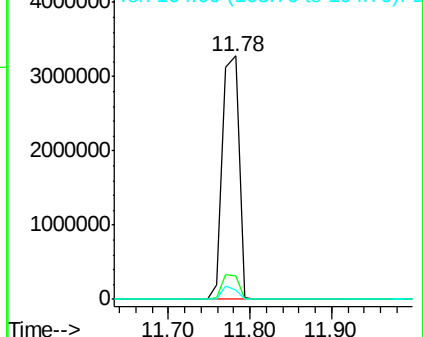
104 3.8 4.3 6.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.99 ng

RT: 12.40 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

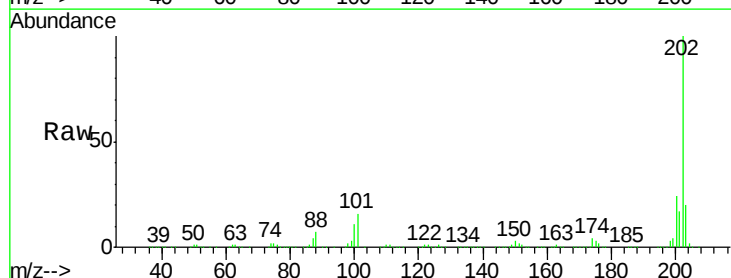
Tgt Ion:202 Resp: 3573278

Ion Ratio Lower Upper

202 100

101 15.6 0.0 31.2

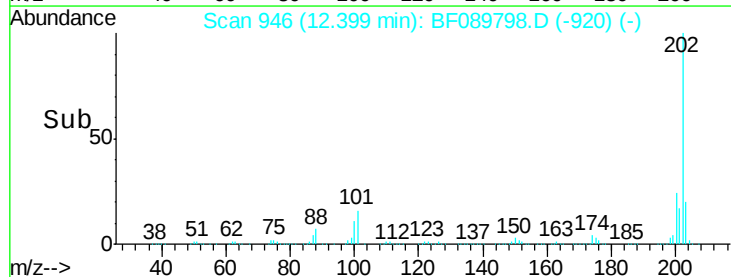
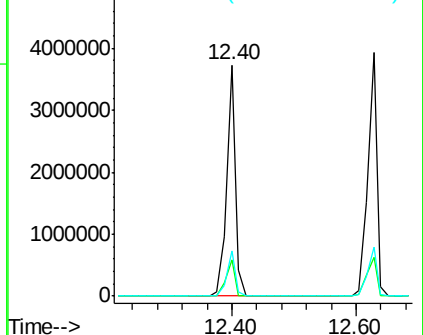
203 19.9 0.0 38.1

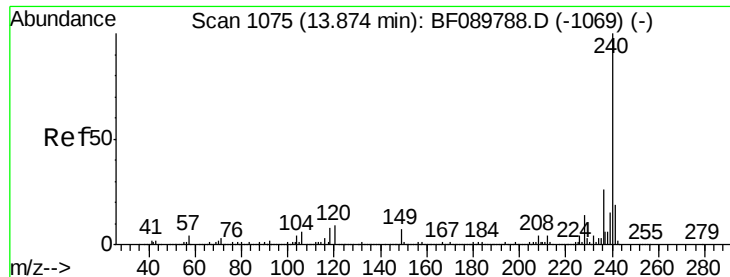


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

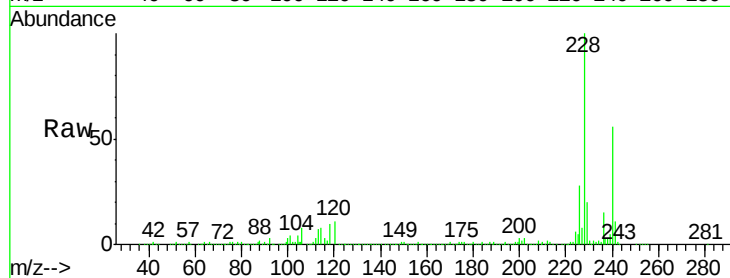
Tgt Ion:240 Resp: 1184954

Ion Ratio Lower Upper

240 100

120 19.2 8.3 12.5#

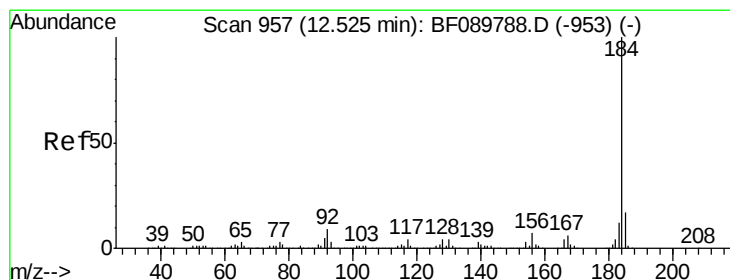
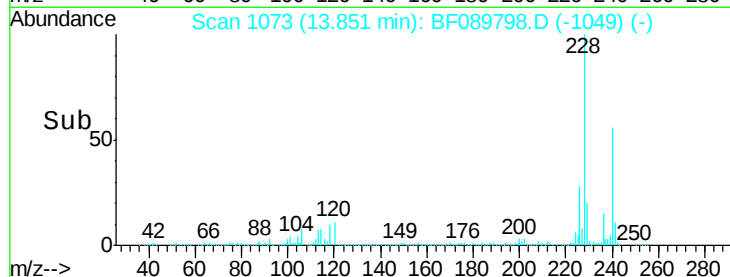
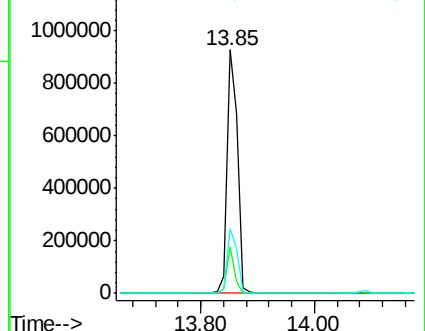
236 26.4 21.3 31.9



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: 30.94 ng

RT: 12.52 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

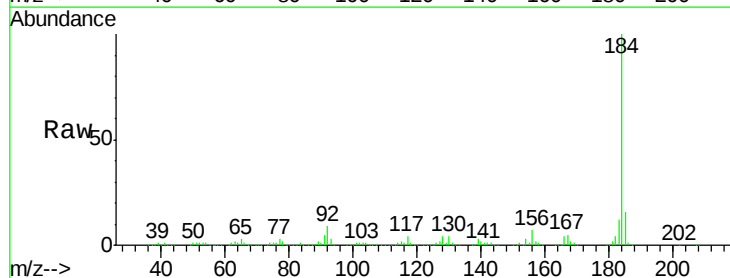
Tgt Ion:184 Resp: 1186372

Ion Ratio Lower Upper

184 100

185 16.1 13.8 20.8

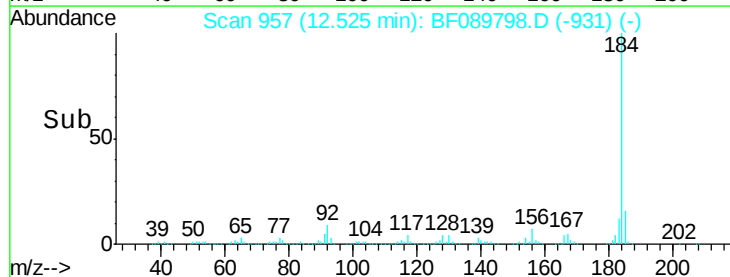
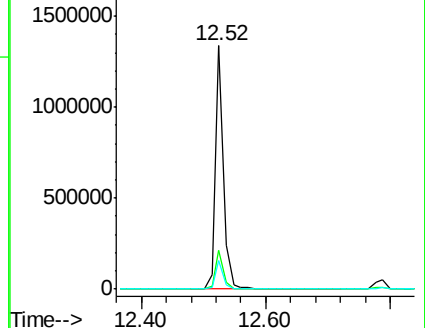
183 11.5 9.7 14.5

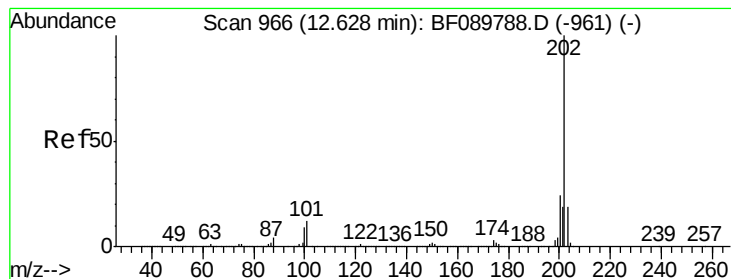


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.63 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

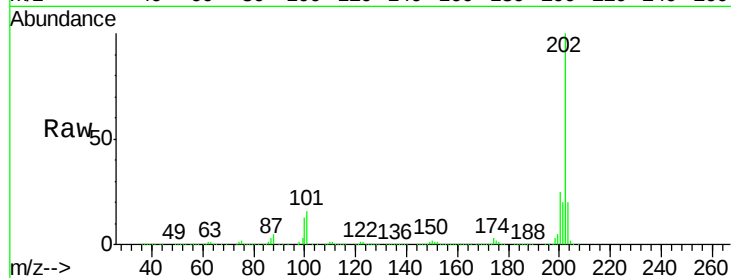
Tgt Ion:202 Resp: 3920376

Ion Ratio Lower Upper

202 100

200 24.6 17.8 26.6

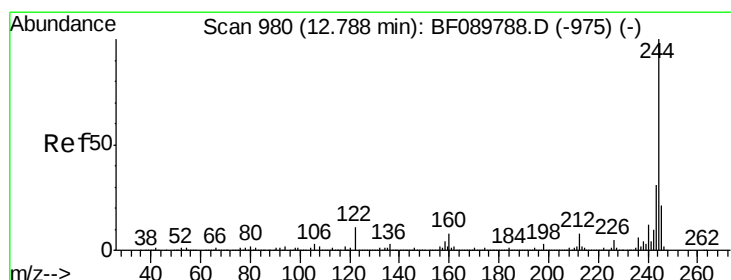
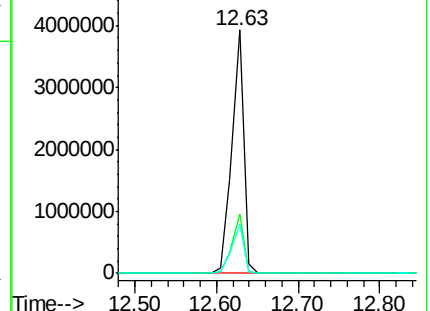
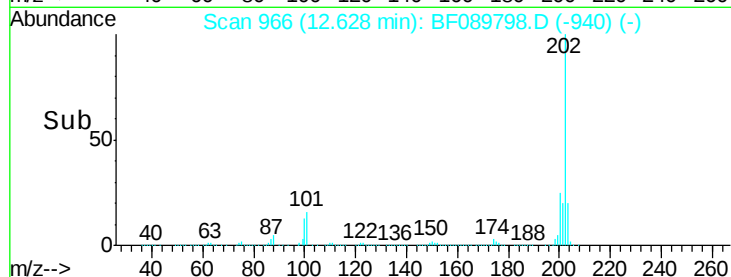
203 19.9 14.2 21.4



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: 79.98 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

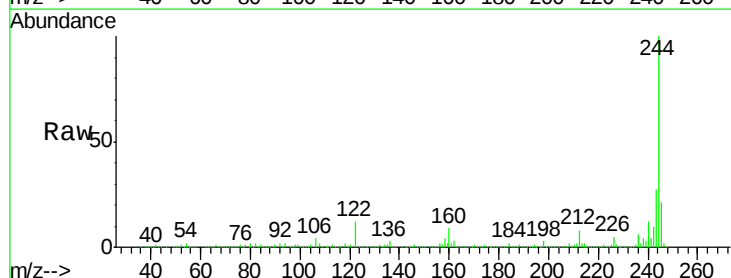
Tgt Ion:244 Resp: 4189078

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

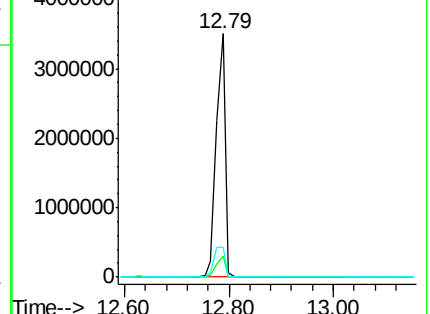
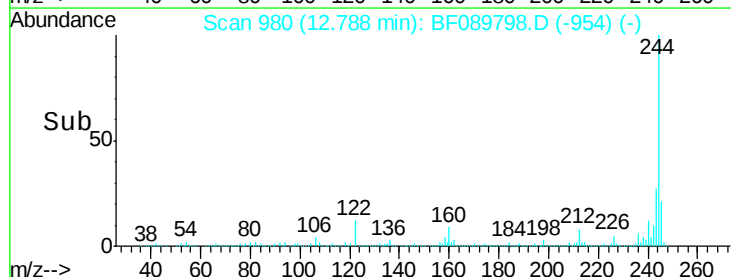
122 12.5 12.0 18.0

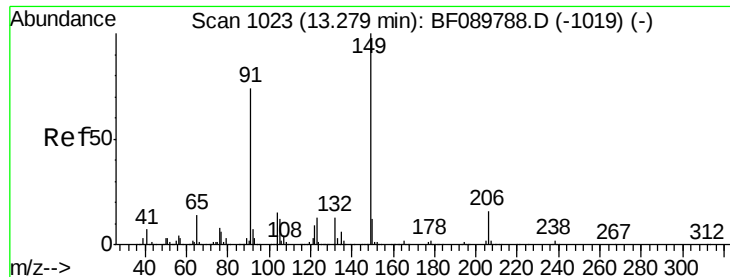


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

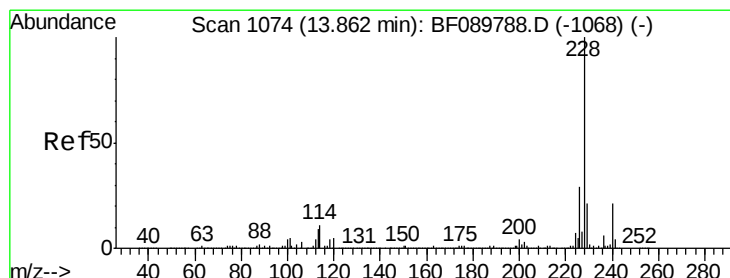
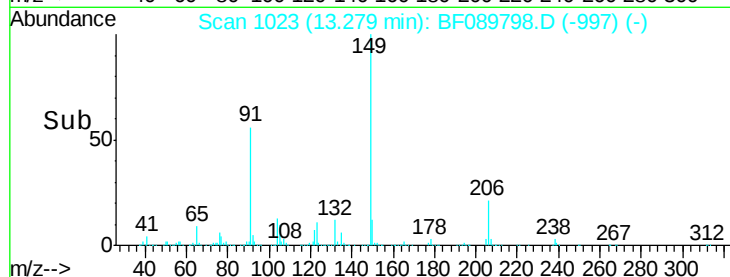
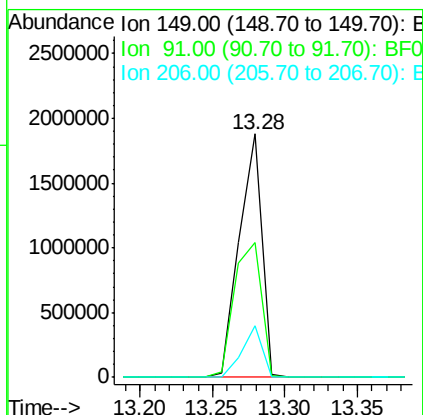
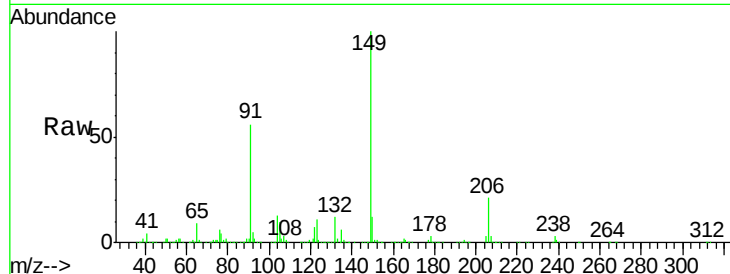




#79
Butylbenzylphthalate
Concen: 47.11 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

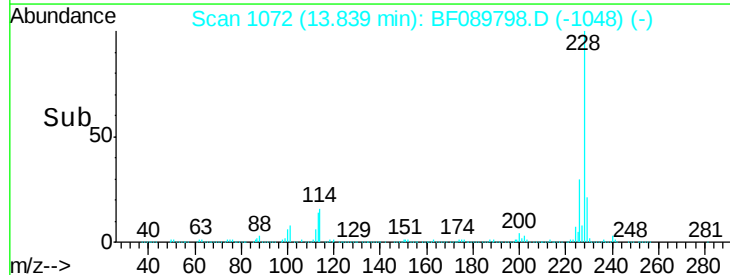
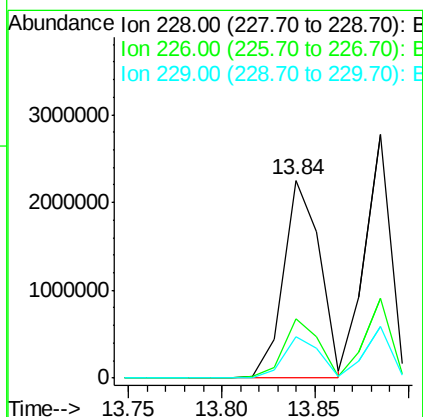
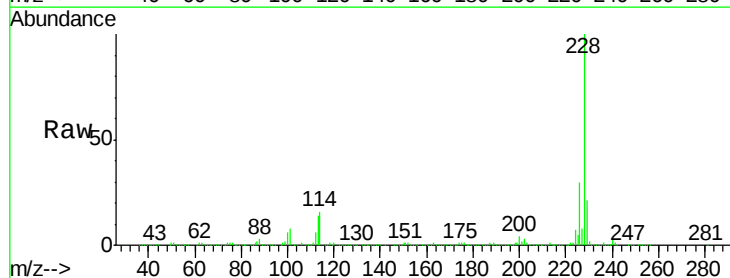
Instrument :
BNA_F
ClientSampleId :
PB92975BSD

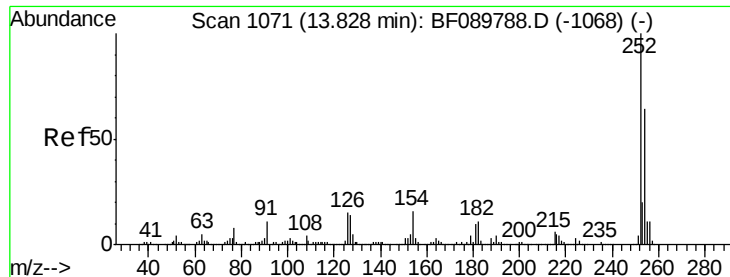
Tgt Ion:149 Resp: 2053139
Ion Ratio Lower Upper
149 100
91 55.6 50.7 76.1
206 21.1 15.5 23.3



#80
Benzo(a)anthracene
Concen: 45.20 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:228 Resp: 3067284
Ion Ratio Lower Upper
228 100
226 29.7 23.2 34.8
229 21.2 16.2 24.4





#81

3,3'-Dichlorobenzidine

Concen: 27.46 ng

RT: 13.82 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

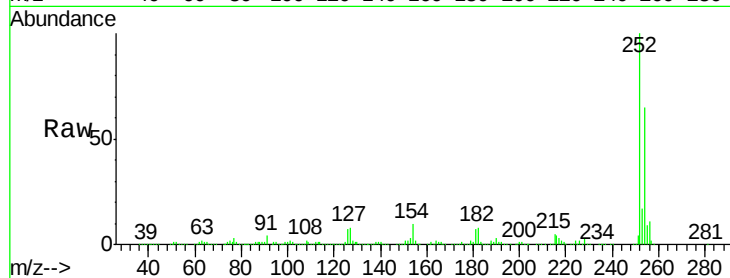
Tgt Ion:252 Resp: 611011

Ion Ratio Lower Upper

252 100

254 64.9 50.6 75.8

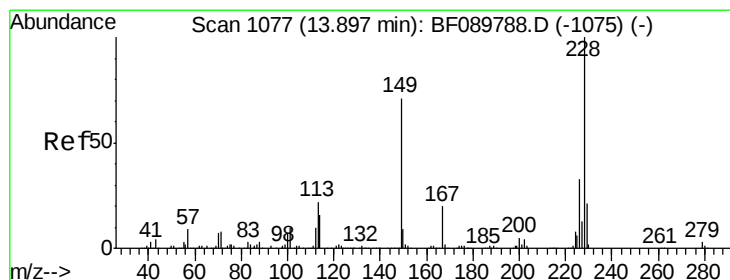
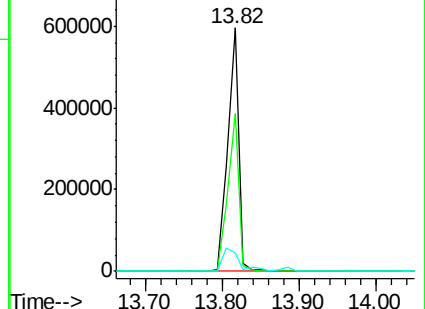
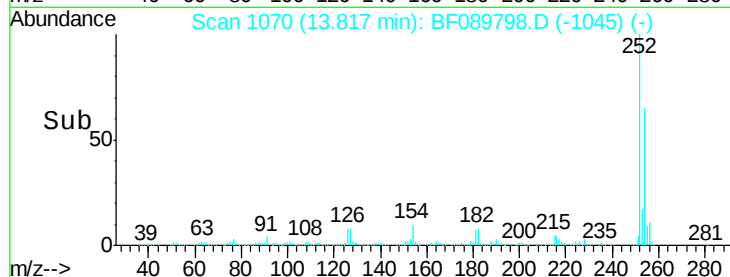
126 7.5 12.6 18.8#



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: 46.43 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

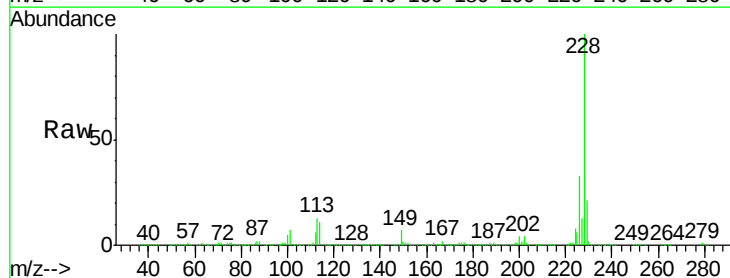
Tgt Ion:228 Resp: 2701462

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

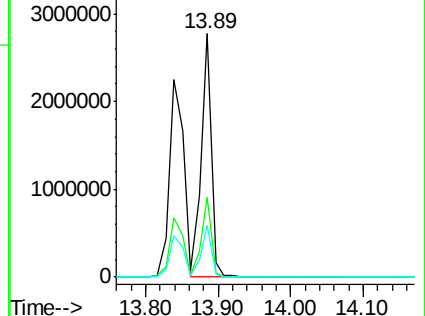
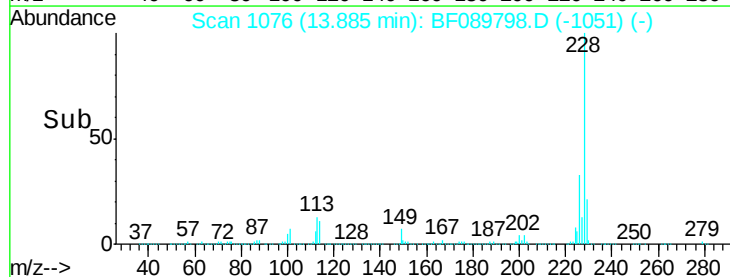
229 21.4 16.5 24.7

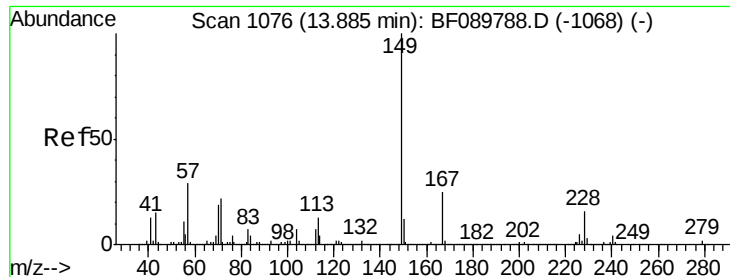


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.91 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

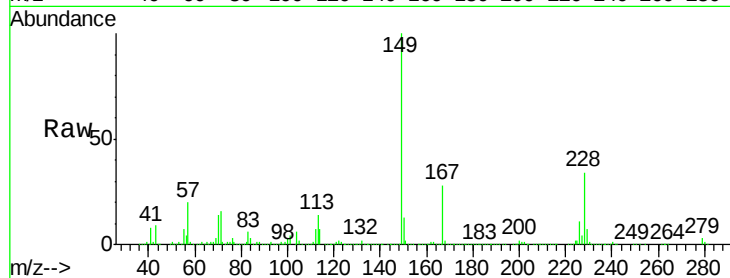
Tgt Ion:149 Resp: 2635932

Ion Ratio Lower Upper

149 100

167 27.5 21.2 31.8

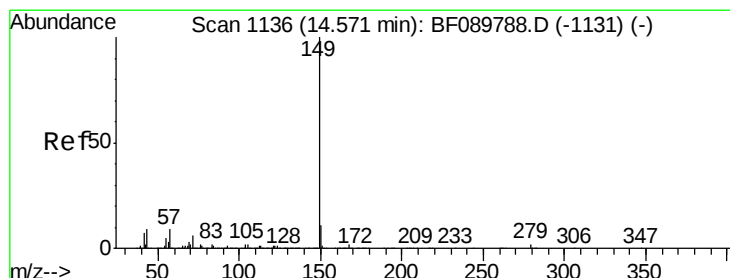
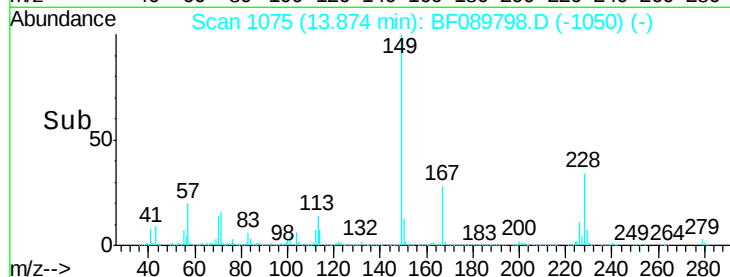
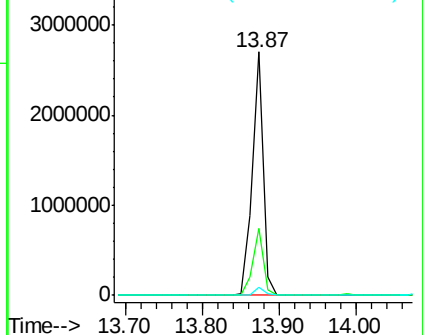
279 3.2 2.9 4.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.85 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

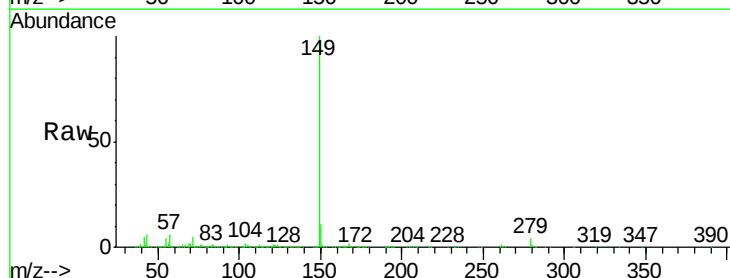
Tgt Ion:149 Resp: 4056464

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

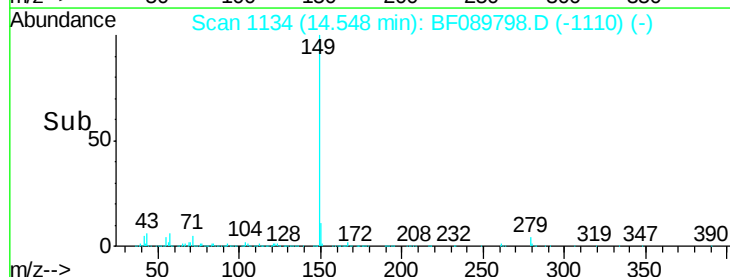
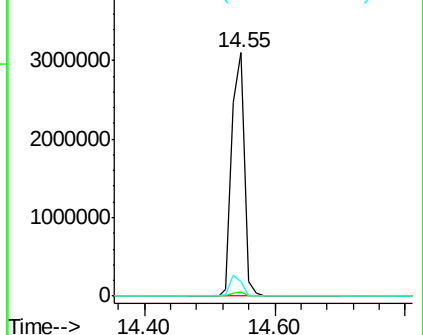
43 8.2 8.4 12.6#

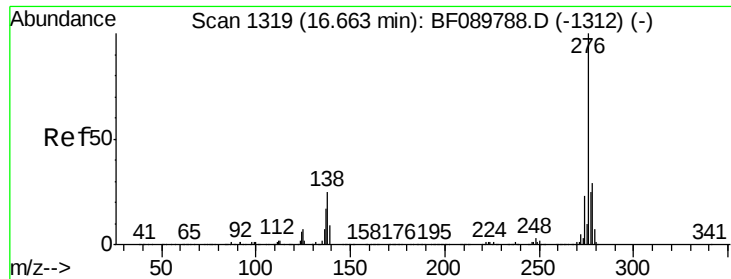


Abundance Ion 149.00 (148.70 to 149.70): E

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: 36.25 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.05 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

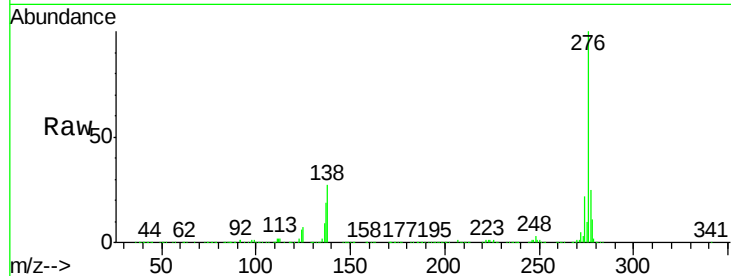
BNA_F

ClientSampleId :

PB92975BSD

Tgt Ion:276 Resp: 2690780

Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.6	36.8
277	25.3	20.4	30.6

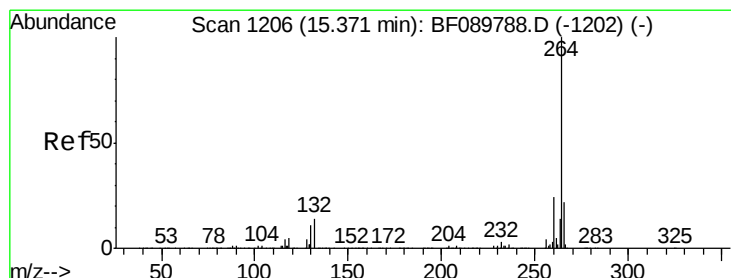
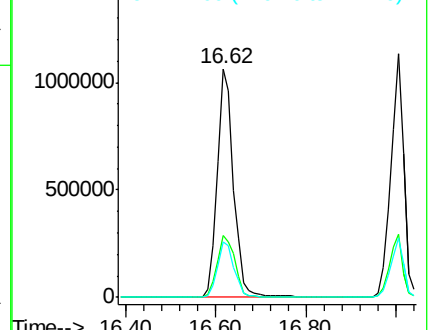
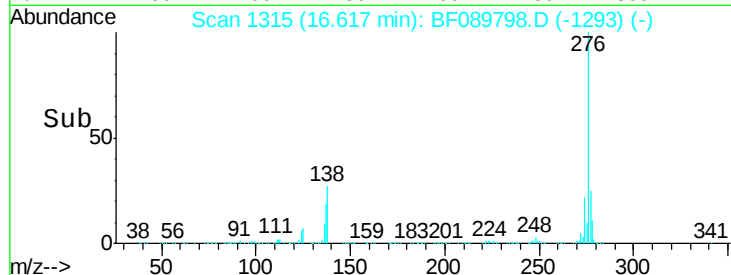


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.33 min Scan# 1202

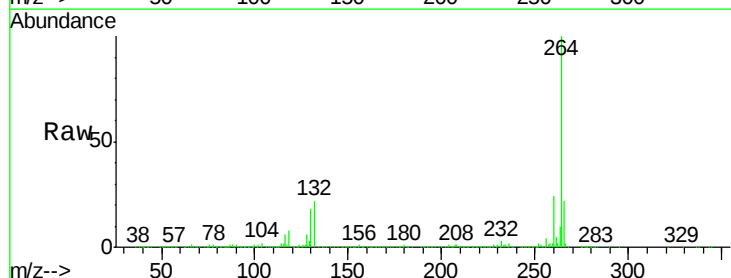
Delta R.T. -0.05 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Tgt Ion:264 Resp: 985235

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.2	30.2
265	22.3	17.4	26.2

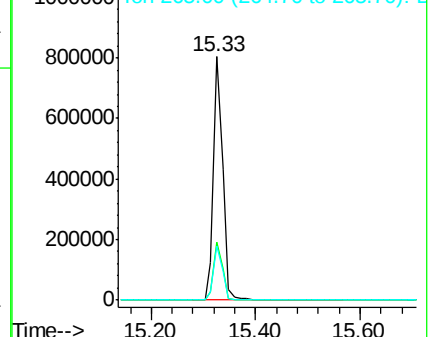
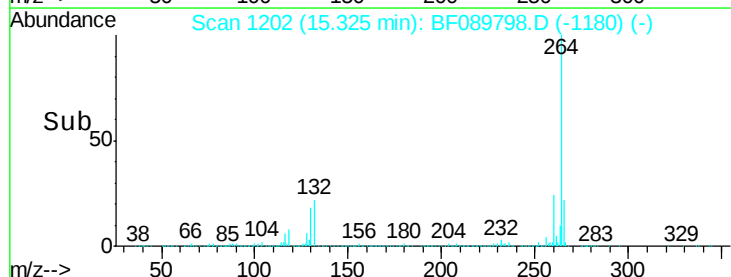


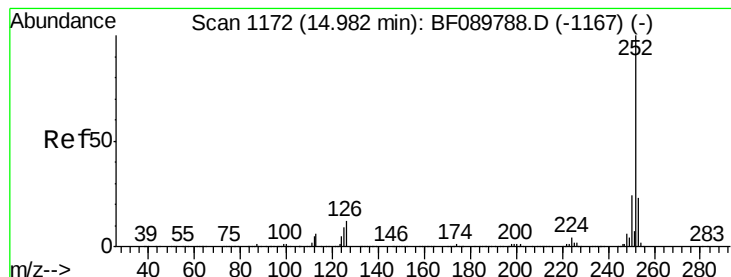
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.64 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

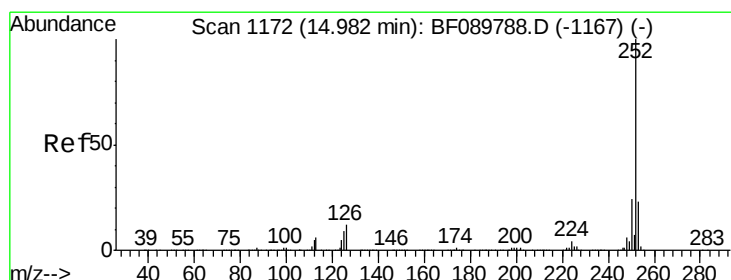
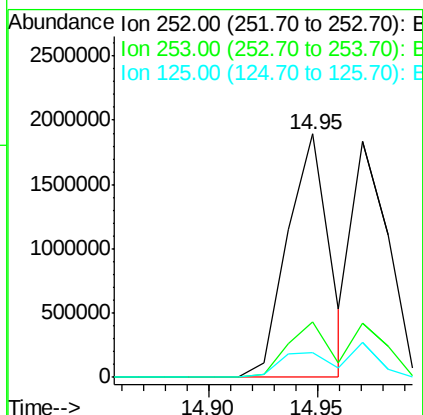
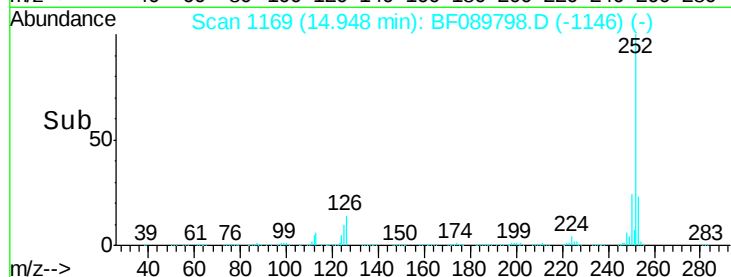
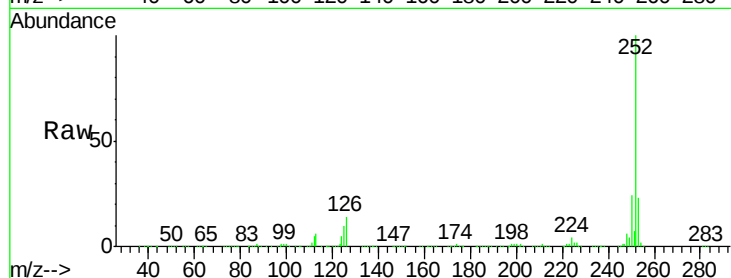
Tgt Ion:252 Resp: 2527982

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 10.1 11.4 17.2#



#88

Benzo(k)fluoranthene

Concen: 51.41 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

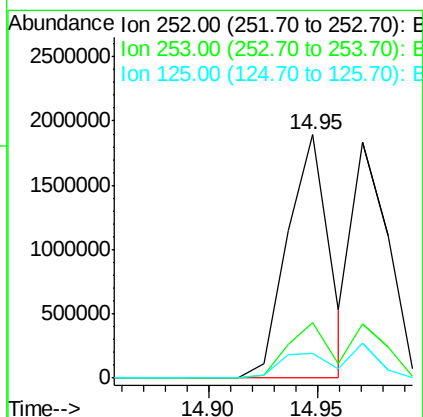
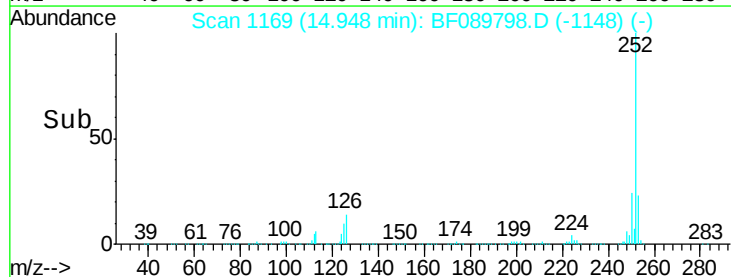
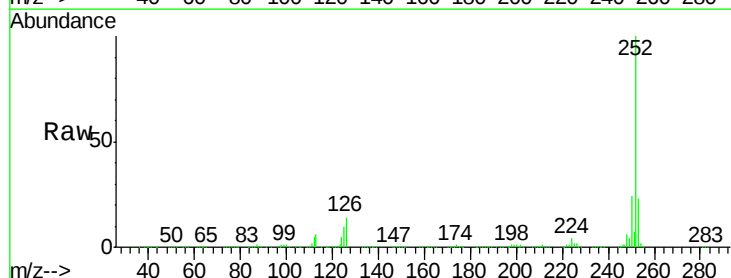
Tgt Ion:252 Resp: 2527982

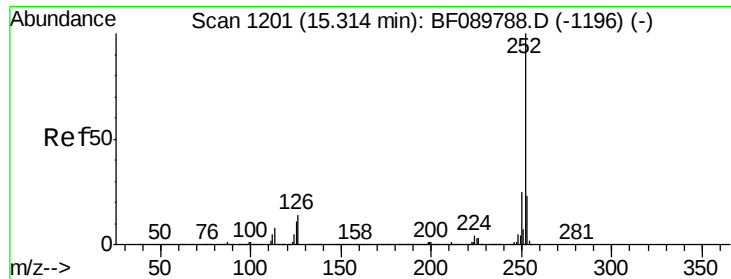
Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

125 10.1 9.8 14.6

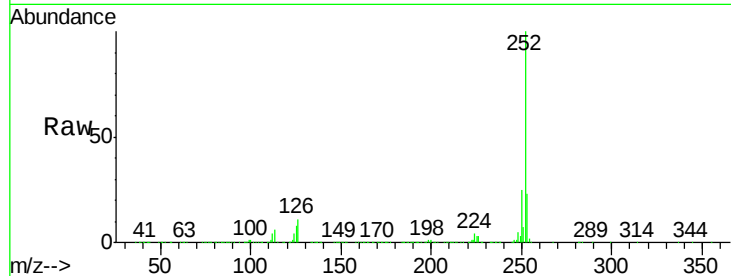




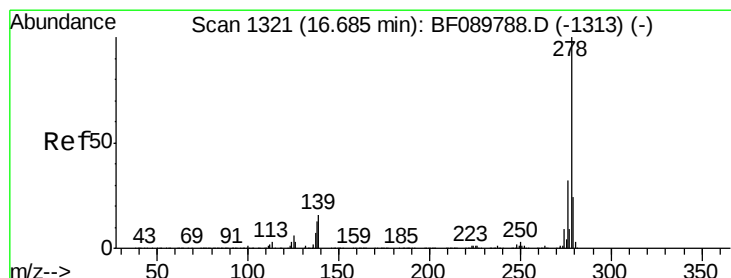
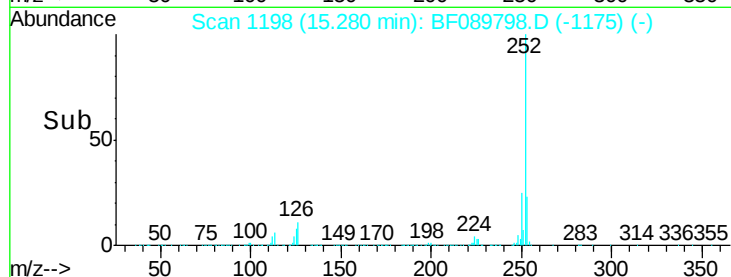
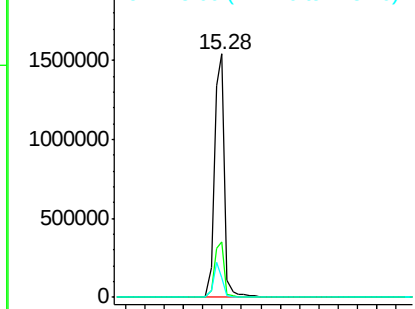
#89
Benzo(a)pyrene
Concen: 43.95 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Instrument :
BNA_F
ClientSampleId :
PB92975BSD

Tgt Ion:252 Resp: 2254803
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.3 11.7 17.5#

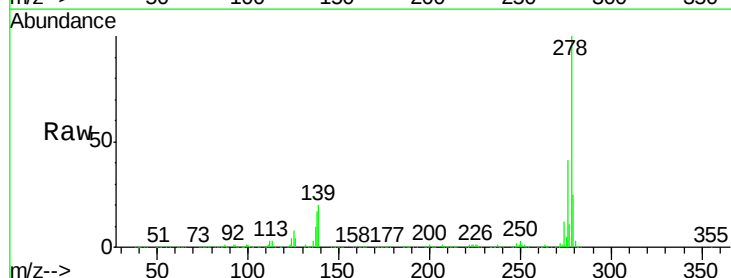


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

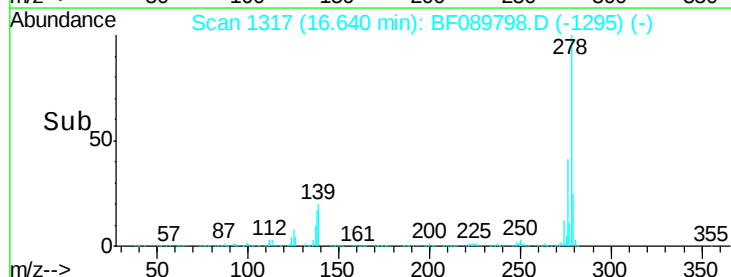
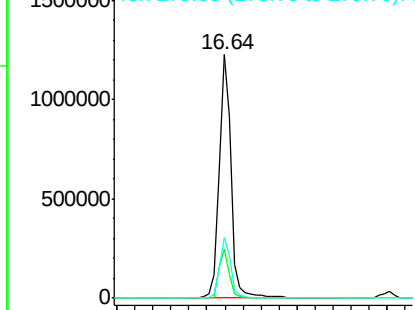


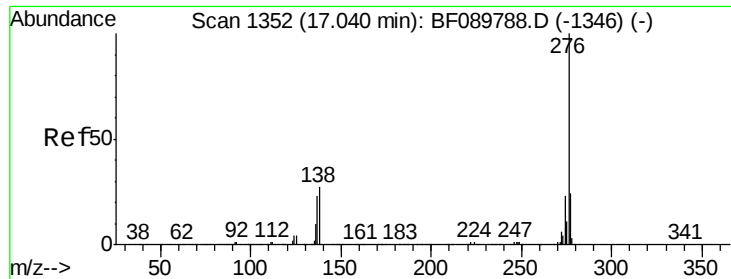
#90
Dibenzo(a,h)anthracene
Concen: 40.52 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.05 min
Lab File: BF089798.D
Acq: 19 Aug 2016 16:29

Tgt Ion:278 Resp: 2256158
Ion Ratio Lower Upper
278 100
139 20.3 14.9 22.3
279 24.9 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.53 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF089798.D

Acq: 19 Aug 2016 16:29

Instrument :

BNA_F

ClientSampleId :

PB92975BSD

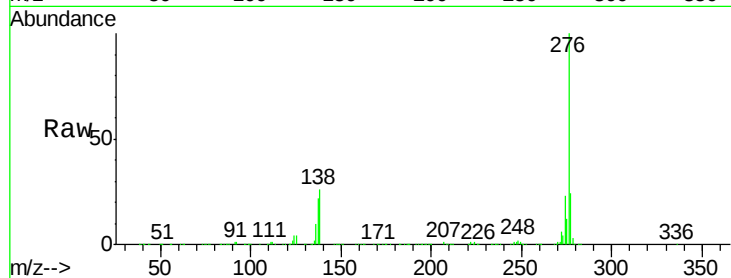
Tgt Ion:276 Resp: 2317636

Ion Ratio Lower Upper

276 100

277 24.3 19.2 28.8

138 25.9 22.1 33.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

