

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
 Data File : BF089797.D
 Acq On : 19 Aug 2016 16:02
 Operator : UM/SJ
 Sample : PB92975BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Quant Time: Aug 22 01:13:23 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	541397	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	2137737	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	1004284	20.00	ng	0.01
63) Phenanthrene-d10	11.20	188	1804178	20.00	ng	0.01
75) Chrysene-d12	13.85	240	1137313	20.00	ng	-0.02
86) Perylene-d12	15.34	264	952042	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	2531847	80.20	ng	0.01
7) Phenol-d6	6.32	99	3326627	85.84	ng	0.00
23) Nitrobenzene-d5	7.26	82	2868243	83.35	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	793704	83.16	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	4519685	79.10	ng	0.00
78) Terphenyl-d14	12.79	244	4242824	84.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.25	88	504102	32.26	ng	98
3) Pyridine	2.89	79	1457252	35.56	ng	96
4) n-Nitrosodimethylamine	2.86	42	604801	39.64	ng	# 74
6) Aniline	6.34	93	1545053	29.72	ng	# 45
8) 2-Chlorophenol	6.47	128	1558971	41.29	ng	87
9) Benzaldehyde	6.22	77	380077	15.06	ng	99
10) Phenol	6.34	94	1995474	43.93	ng	97
11) bis(2-Chloroethyl)ether	6.43	93	1412199	40.10	ng	88
12) 1,3-Dichlorobenzene	6.86	146	1502859	38.08	ng	97
13) 1,4-Dichlorobenzene	6.63	146	1628523	40.14	ng	95
14) 1,2-Dichlorobenzene	6.71	146	1604849	42.38	ng	97
15) Benzyl Alcohol	6.83	79	1091158	42.46	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1788284	39.67	ng	91
17) 2-Methylphenol	6.95	107	1250974	42.31	ng	97
18) Hexachloroethane	7.20	117	560575	38.74	ng	# 89
19) n-Nitroso-di-n-propylamine	7.12	70	1122551	45.29	ng	# 86
20) 3+4-Methylphenols	7.11	107	1433109	39.53	ng	# 69
22) Acetophenone	7.11	105	1879994	38.30	ng	# 90
24) Nitrobenzene	7.27	77	1458672	37.78	ng	98
25) Isophorone	7.52	82	2845802	41.01	ng	# 92
26) 2-Nitrophenol	7.59	139	781127	40.55	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	1373367	39.56	ng	96
28) bis(2-Chloroethoxy)methane	7.74	93	1996235	46.49	ng	96
29) 2,4-Dichlorophenol	7.83	162	1178185	40.45	ng	93
30) 1,2,4-Trichlorobenzene	7.92	180	1322100	41.03	ng	95
31) Naphthalene	8.00	128	4105718	41.09	ng	99
32) Benzoic acid	7.76	122	863439	31.92	ng	97
33) 4-Chloroaniline	8.04	127	956949	22.10	ng	# 95
34) Hexachlorobutadiene	8.12	225	677120	40.13	ng	97
35) Caprolactam	8.42	113	394926	44.52	ng	# 70
36) 4-Chloro-3-methylphenol	8.54	107	1390464	44.07	ng	97
37) 2-Methylnaphthalene	8.68	142	2839573	43.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	1015829	31.24	ng	96
40) Hexachlorocyclopentadiene	8.84	237	1108400	98.17	ng	98

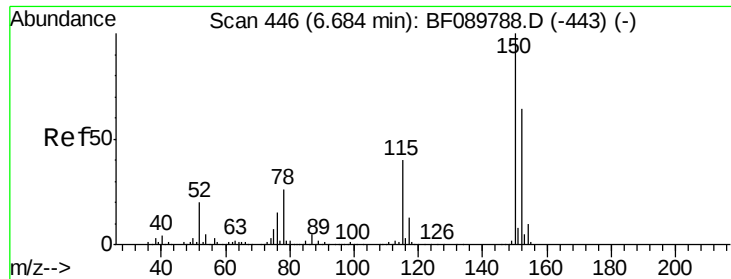
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	850985	41.59	ng	99
43) 2,4,5-Trichlorophenol	9.00	196	888690	43.67	ng	96
45) 1,1'-Biphenyl	9.15	154	3110455	40.02	ng	95
46) 2-Chloronaphthalene	9.16	162	2546085	41.44	ng	99
47) 2-Nitroaniline	9.27	65	873444	49.85	ng	# 77
48) Acenaphthylene	9.58	152	3901023	42.26	ng	99
49) Dimethylphthalate	9.46	163	3188277	45.09	ng	99
50) 2,6-Dinitrotoluene	9.51	165	655652	40.16	ng	# 86
51) Acenaphthene	9.76	154	2984988	48.86	ng	98
52) 3-Nitroaniline	9.67	138	477087	26.38	ng	95
53) 2,4-Dinitrophenol	9.78	184	770940	80.09	ng	# 82
54) Dibenzofuran	9.93	168	3717341	48.44	ng	91
55) 4-Nitrophenol	9.84	139	1082920	73.35	ng	89
56) 2,4-Dinitrotoluene	9.91	165	817724	38.60	ng	# 59
57) Fluorene	10.26	166	2572599	42.07	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	754175	50.92	ng	99
59) Diethylphthalate	10.16	149	3088651	43.00	ng	97
60) 4-Chlorophenyl-phenylether	10.26	204	1091167	39.11	ng	94
61) 4-Nitroaniline	10.28	138	671965	39.63	ng	97
62) Azobenzene	10.42	77	3091316	45.77	ng	96
64) 4,6-Dinitro-2-methylphenol	10.32	198	457207	44.10	ng	# 57
65) n-Nitrosodiphenylamine	10.39	169	2624610	46.27	ng	98
66) 4-Bromophenyl-phenylether	10.75	248	834744	44.13	ng	# 86
67) Hexachlorobenzene	10.81	284	868616	40.25	ng	# 84
68) Atrazine	10.91	200	679081	39.09	ng	96
69) Pentachlorophenol	11.00	266	1011762	82.72	ng	98
70) Phenanthrene	11.22	178	3964631	43.51	ng	95
71) Anthracene	11.27	178	3745540	40.44	ng	99
72) Carbazole	11.43	167	3745828	45.09	ng	97
73) Di-n-butylphthalate	11.78	149	4512117	43.41	ng	# 98
74) Fluoranthene	12.40	202	3591161	41.43	ng	93
76) Benzidine	12.53	184	1378070	37.44	ng	97
77) Pyrene	12.63	202	3915456	42.28	ng	95
79) Butylbenzylphthalate	13.28	149	1944533	46.49	ng	88
80) Benzo(a)anthracene	13.84	228	2912997	44.72	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	699205	32.74	ng	# 93
82) Chrysene	13.89	228	2653038	47.51	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	2573946	44.67	ng	97
84) Di-n-octyl phthalate	14.55	149	3836053	50.10	ng	# 95
85) Indeno(1,2,3-cd)pyrene	16.63	276	2705366	37.97	ng	98
87) Benzo(b)fluoranthene	14.95	252	2218096	42.35	ng	97
88) Benzo(k)fluoranthene	14.95	252	2218096	46.68	ng	99
89) Benzo(a)pyrene	15.28	252	2238279	45.15	ng	# 96
90) Dibenzo(a,h)anthracene	16.65	278	2251649	41.85	ng	97
91) Benzo(g,h,i)perylene	17.01	276	2343632	41.36	ng	99

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

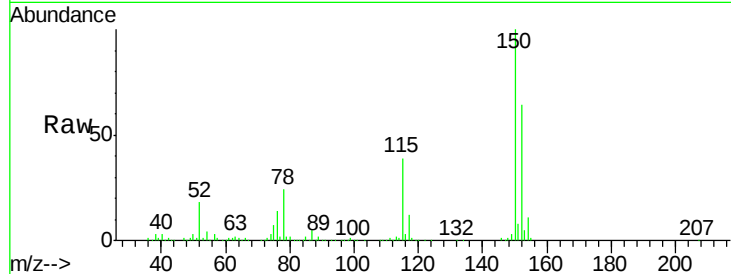


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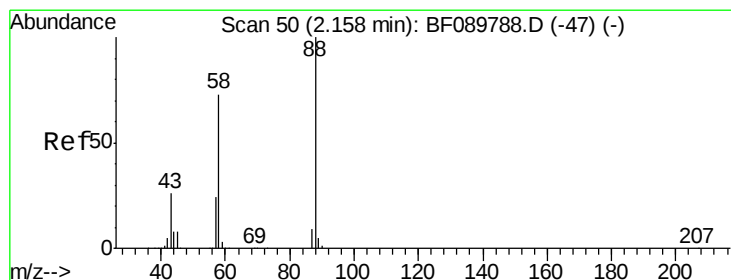
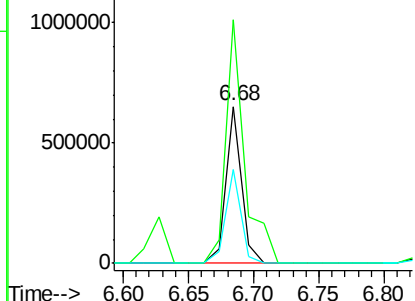
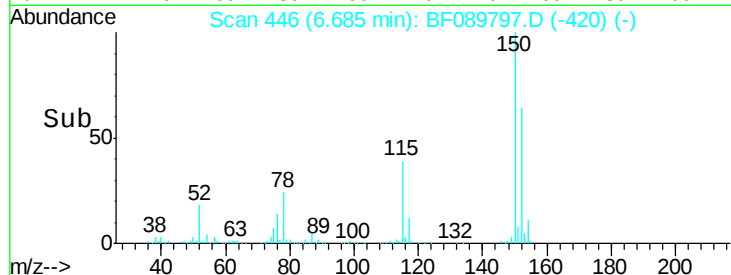
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion: 152 Resp: 541397
Ion Ratio Lower Upper
152 100
150 155.4 125.3 187.9
115 59.9 40.9 61.3



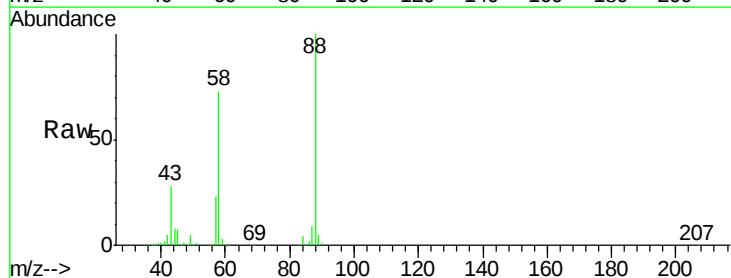
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



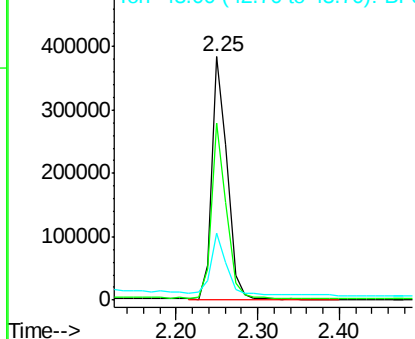
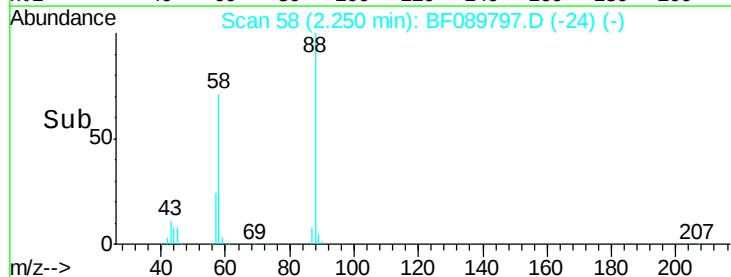
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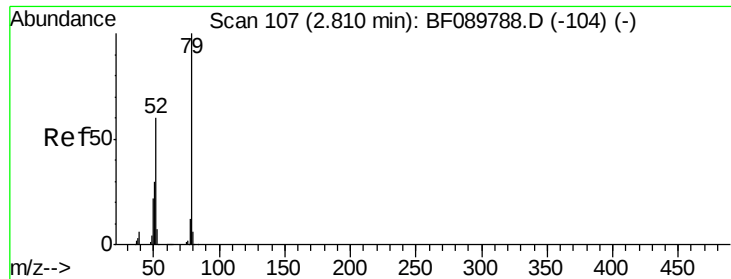
1,4-Dioxane
Concen: 32.26 ng
RT: 2.25 min Scan# 58
Delta R.T. 0.09 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion: 88 Resp: 504102
Ion Ratio Lower Upper
88 100
58 69.8 57.0 85.4
43 28.6 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: 35.56 ng

RT: 2.89 min Scan# 114

Delta R.T. 0.08 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

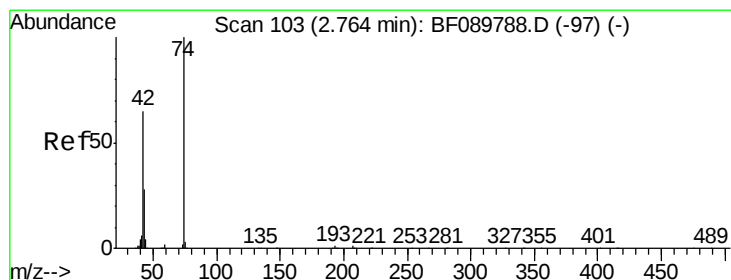
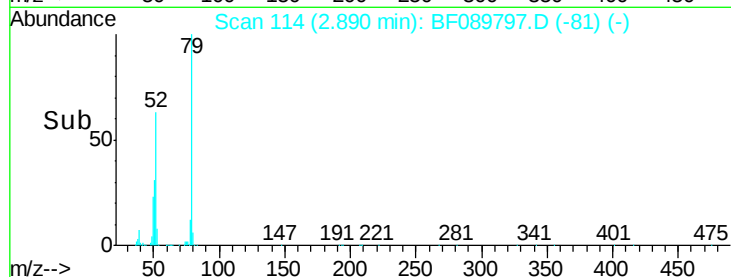
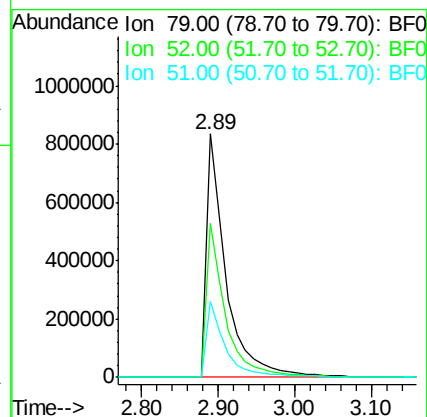
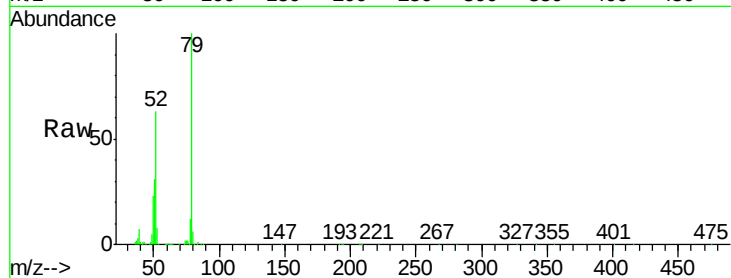
Tgt Ion: 79 Resp: 1457252

Ion Ratio Lower Upper

79 100

52 63.0 53.6 80.4

51 31.3 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 39.64 ng

RT: 2.86 min Scan# 111

Delta R.T. 0.09 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

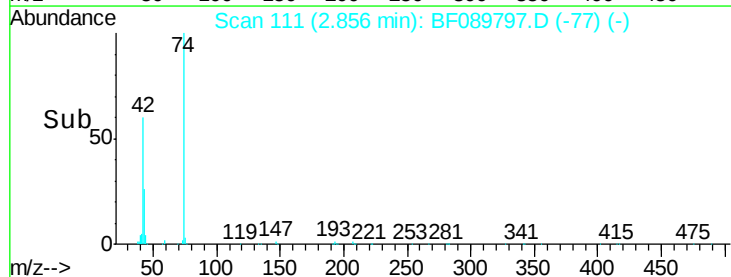
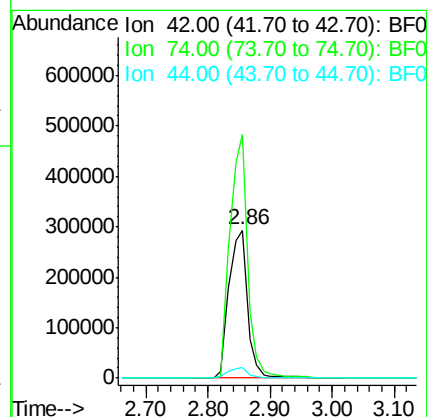
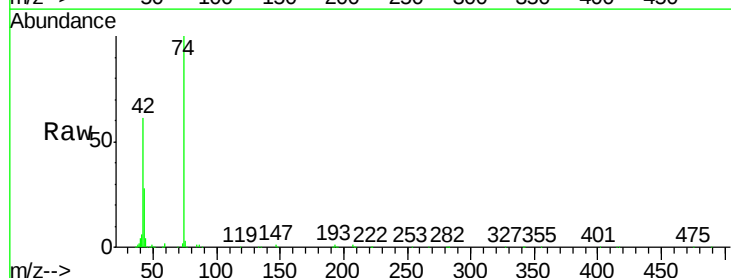
Tgt Ion: 42 Resp: 604801

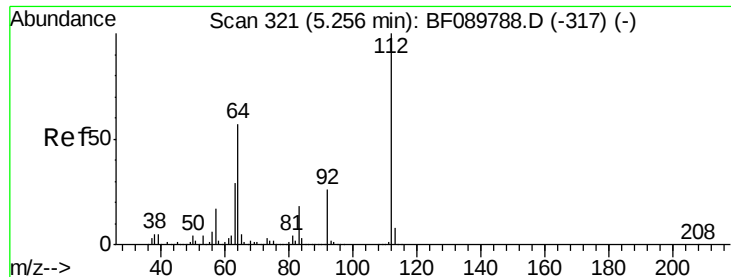
Ion Ratio Lower Upper

42 100

74 165.0 106.2 159.2#

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 80.20 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampled :

PB92975BS

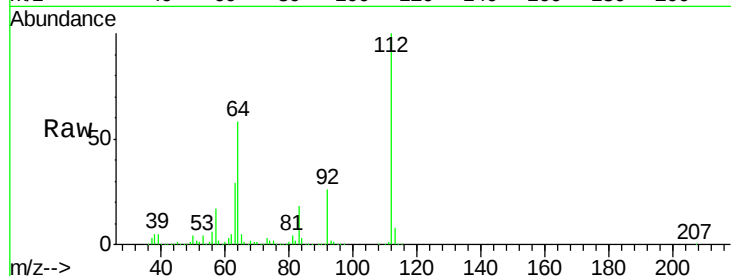
Tgt Ion:112 Resp: 2531847

Ion Ratio Lower Upper

112 100

64 57.7 45.0 67.4

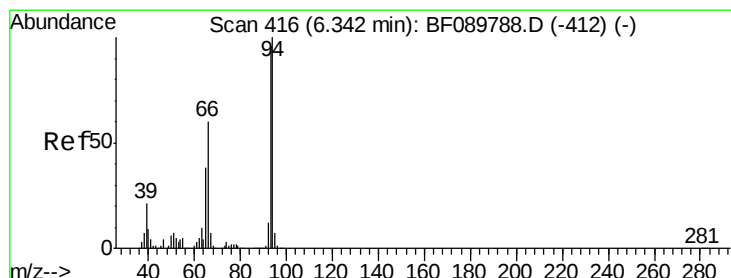
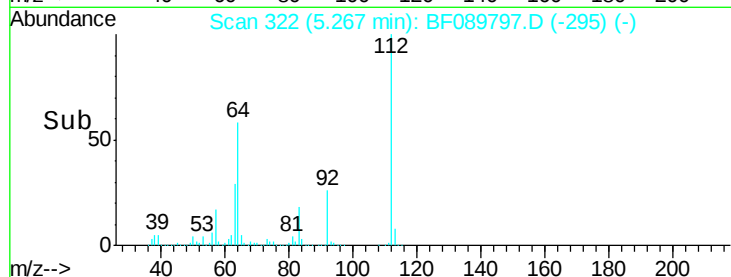
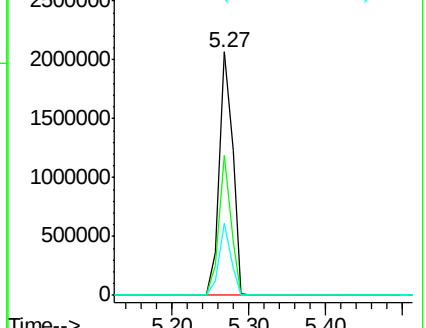
63 29.4 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.72 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

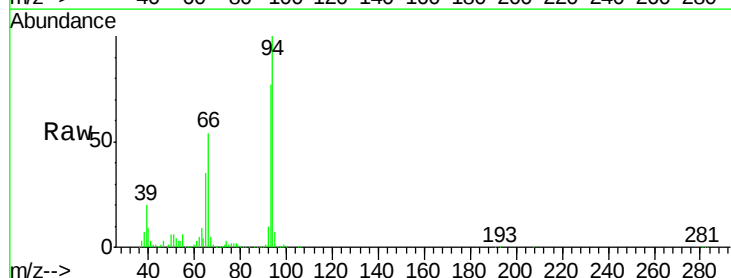
Tgt Ion: 93 Resp: 1545053

Ion Ratio Lower Upper

93 100

66 70.5 30.6 46.0#

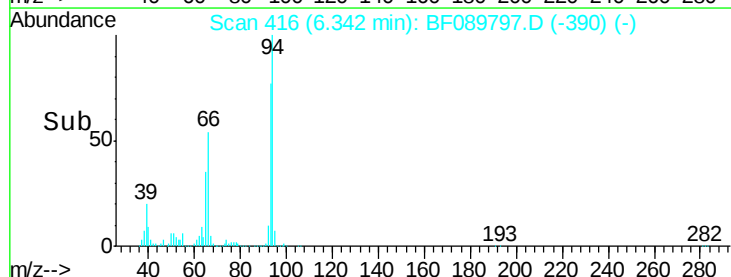
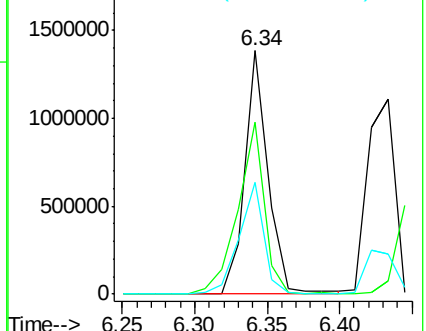
65 46.1 15.4 23.2#

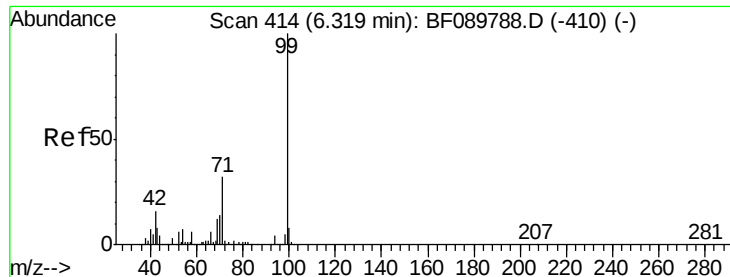


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 85.84 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

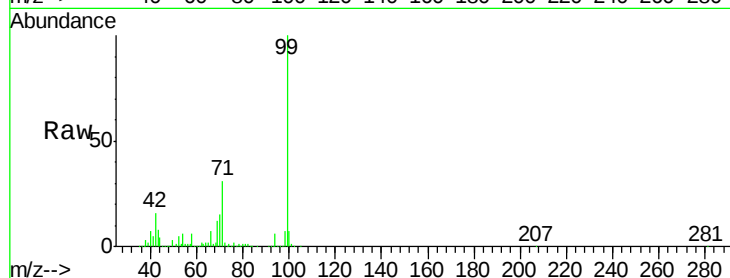
BNA_F

ClientSampleId :

PB92975BS

Tgt Ion: 99 Resp: 3326627

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.2	18.4
71	31.0	23.8	35.8

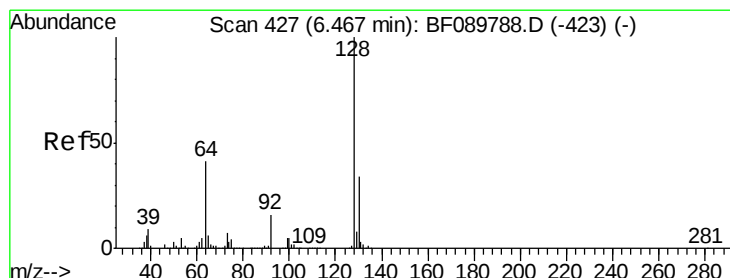
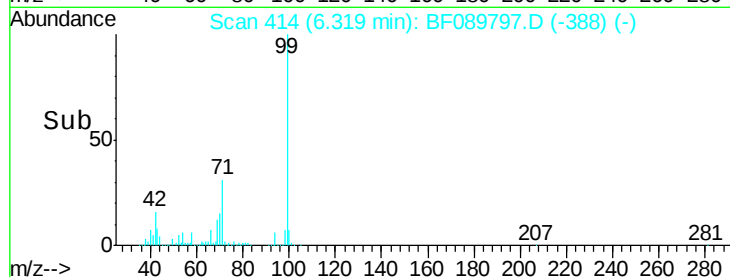
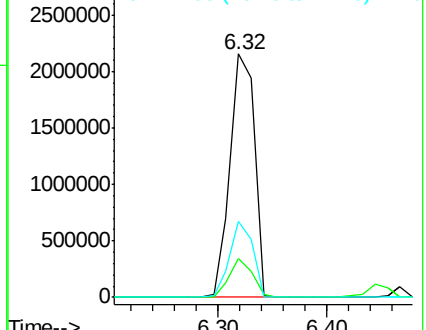


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.29 ng

RT: 6.47 min Scan# 427

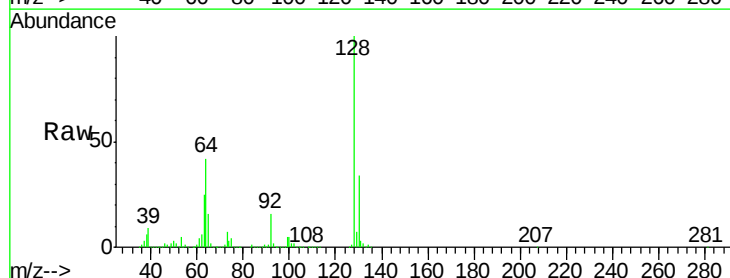
Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion: 128 Resp: 1558971

Ion	Ratio	Lower	Upper
128	100		
130	34.4	12.0	52.0
64	42.5	35.1	75.1

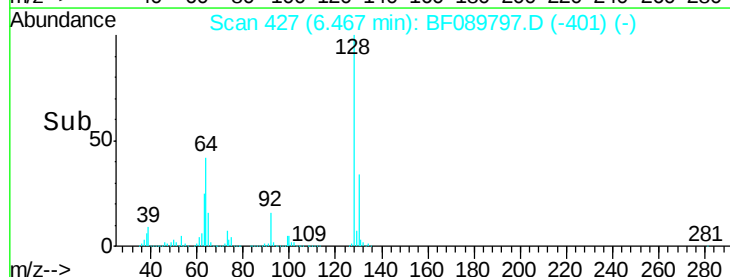
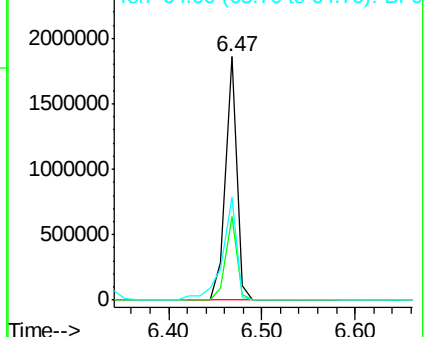


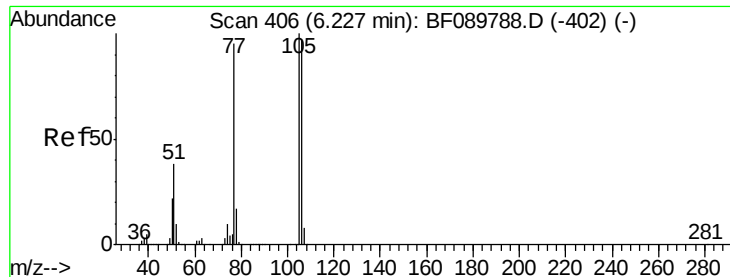
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.06 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

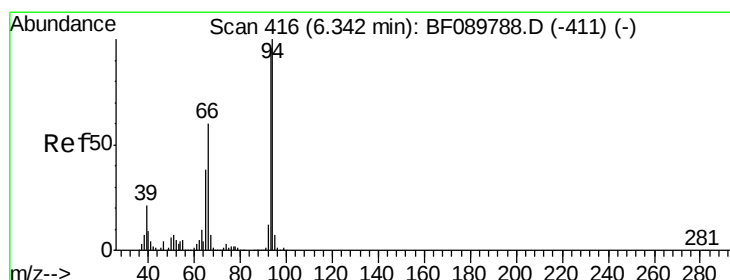
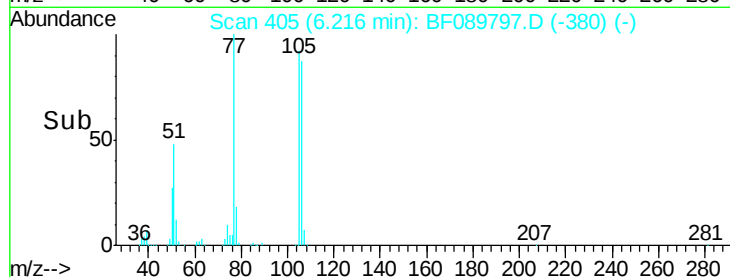
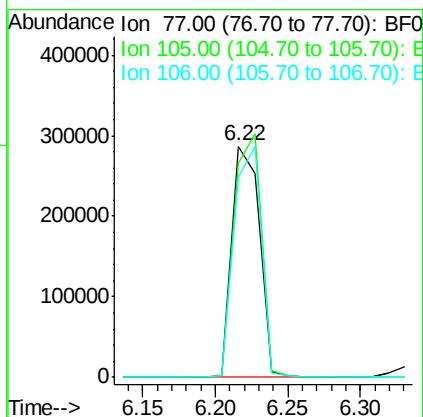
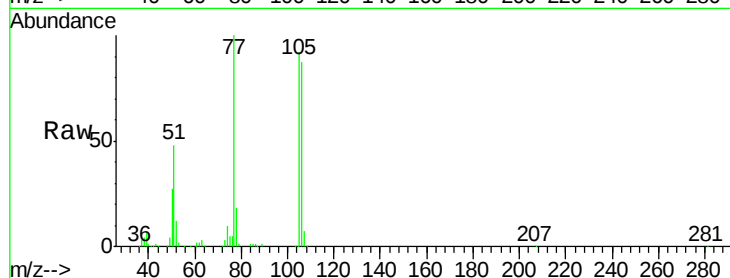
Tgt Ion: 77 Resp: 380077

Ion Ratio Lower Upper

77 100

105 92.5 73.3 113.3

106 86.6 68.6 108.6



#10

Phenol

Concen: 43.93 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

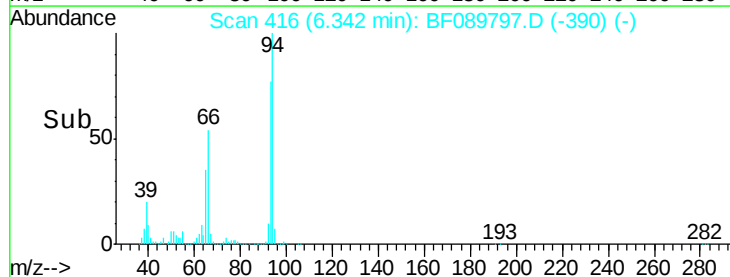
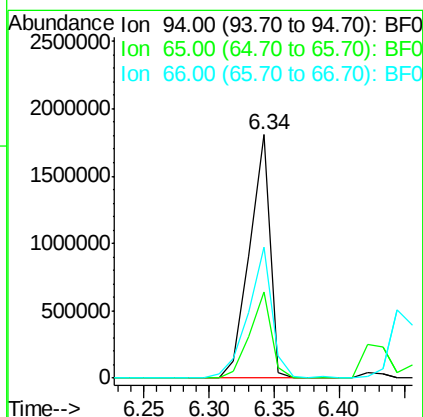
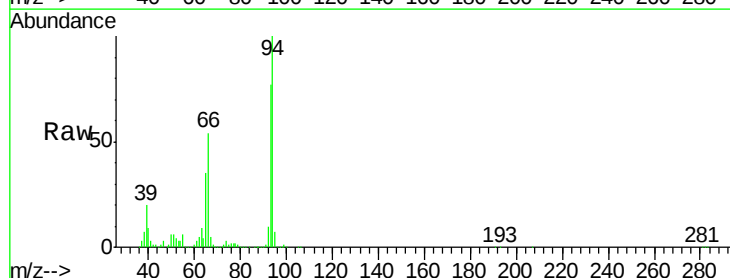
Tgt Ion: 94 Resp: 1995474

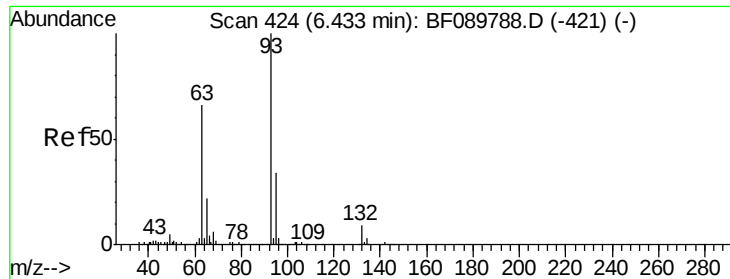
Ion Ratio Lower Upper

94 100

65 35.4 14.0 54.0

66 54.0 31.2 71.2

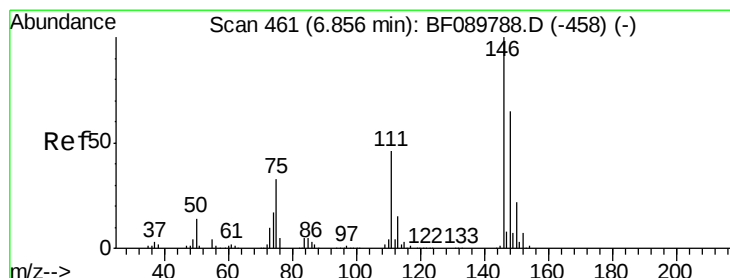
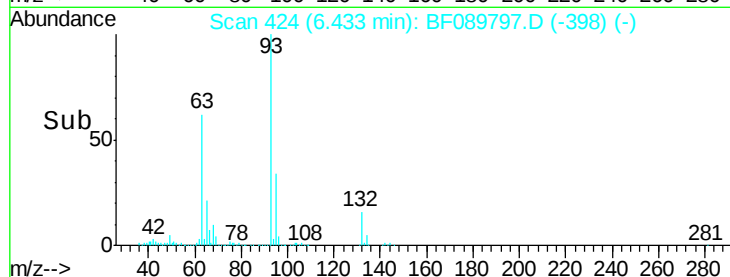
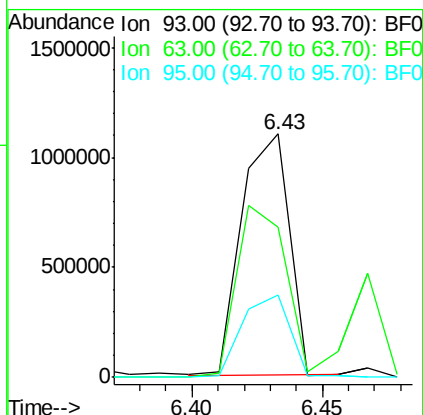
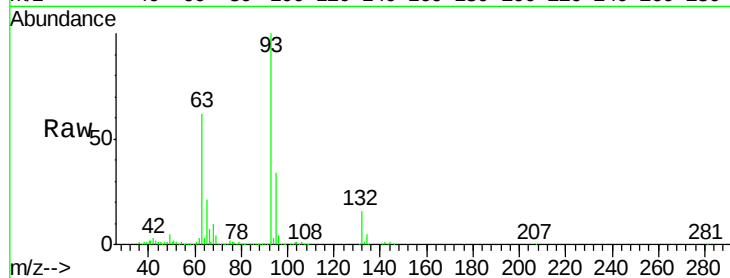




#11
 bis(2-Chloroethyl)ether
 Concen: 40.10 ng
 RT: 6.43 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

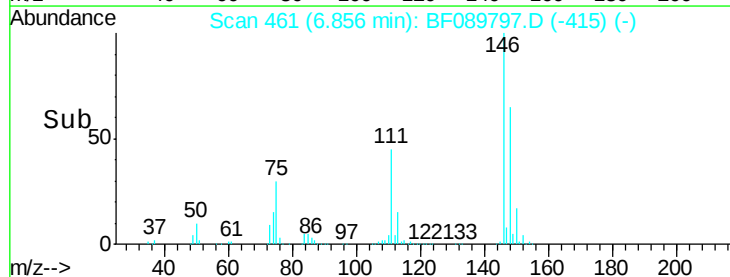
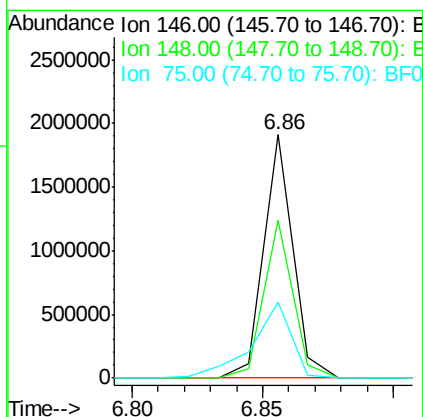
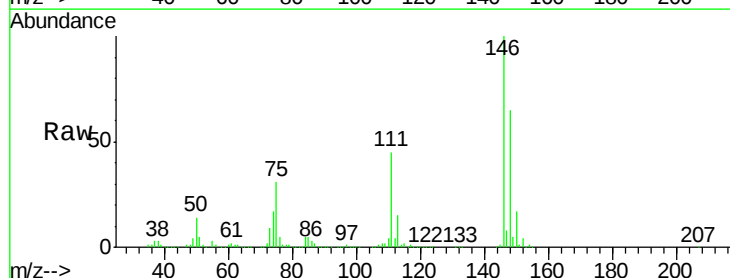
Instrument :
 BNA_F
 ClientSampleID :
 PB92975BS

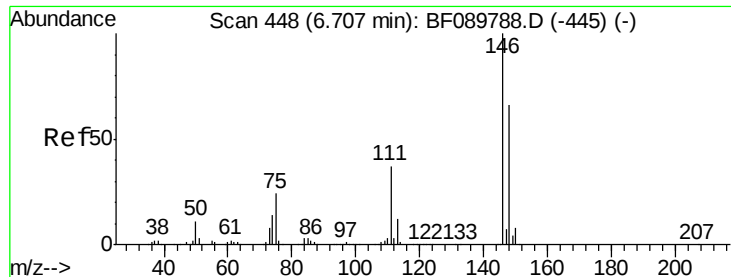
Tgt Ion: 93 Resp: 1412199
 Ion Ratio Lower Upper
 93 100
 63 61.6 55.8 95.8
 95 33.9 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 38.08 ng
 RT: 6.86 min Scan# 461
 Delta R.T. 0.23 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion: 146 Resp: 1502859
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.0 76.4
 75 31.0 27.0 40.6

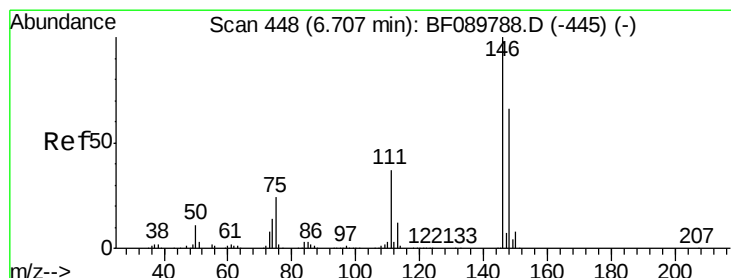
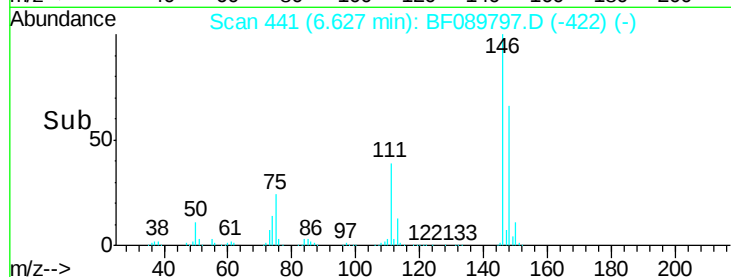
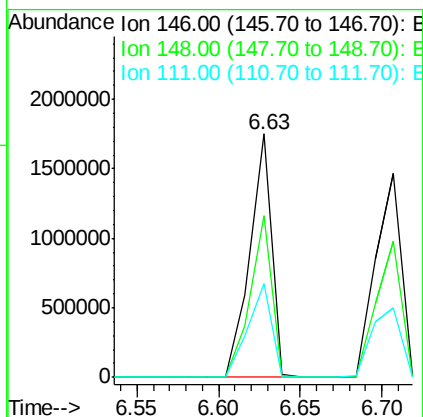
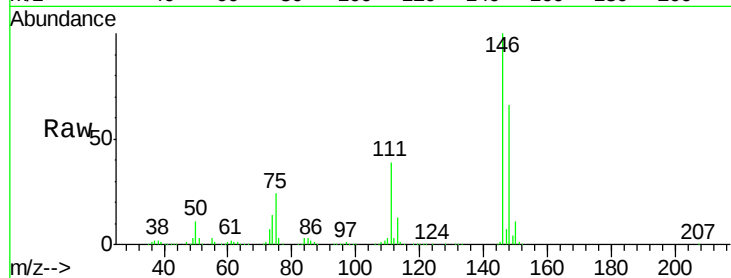




#13
 1,4-Dichlorobenzene
 Concen: 40.14 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.08 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

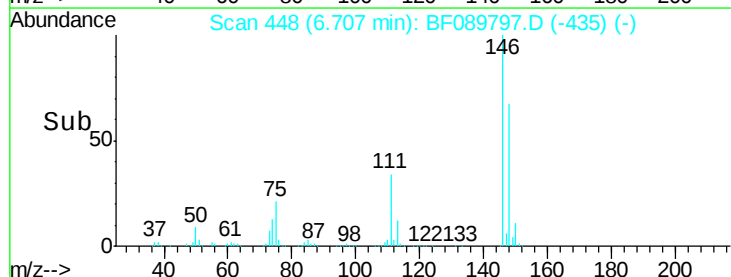
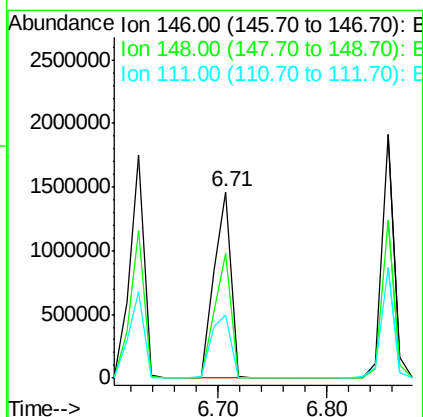
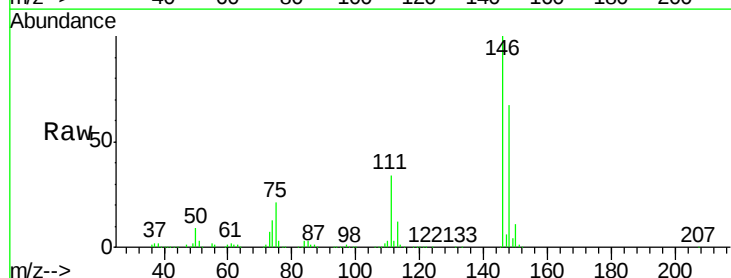
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

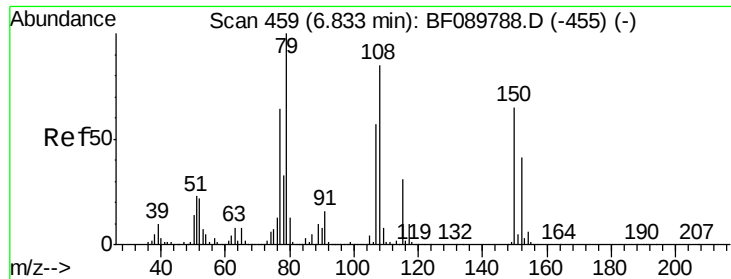
Tgt Ion:146 Resp: 1628523
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.0 76.6
 111 38.7 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 42.38 ng
 RT: 6.71 min Scan# 448
 Delta R.T. -0.15 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:146 Resp: 1604849
 Ion Ratio Lower Upper
 146 100
 148 66.7 52.2 78.2
 111 34.2 29.8 44.6





#15

Benzyl Alcohol

Concen: 42.46 ng

RT: 6.83 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

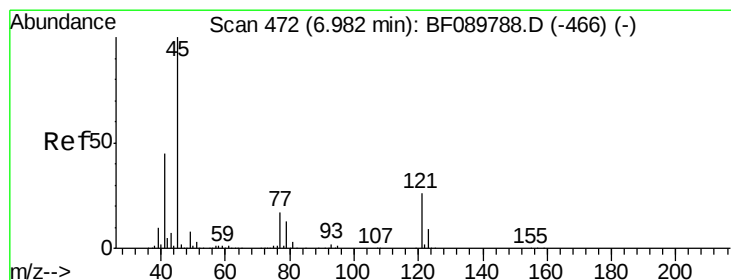
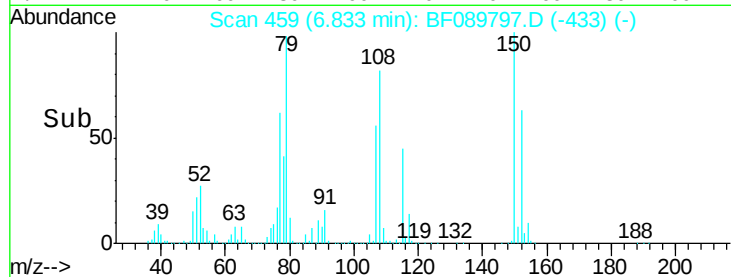
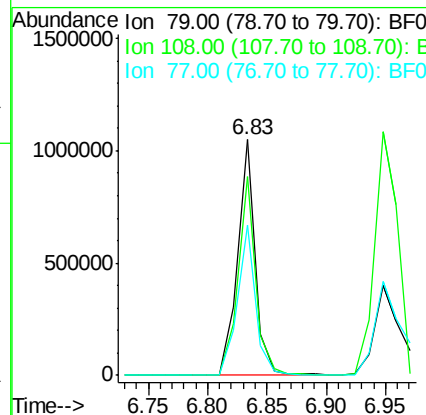
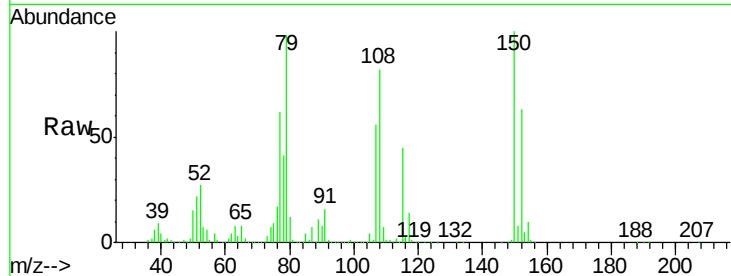
Tgt Ion: 79 Resp: 1091158

Ion Ratio Lower Upper

79 100

108 84.3 62.5 93.7

77 63.8 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.67 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

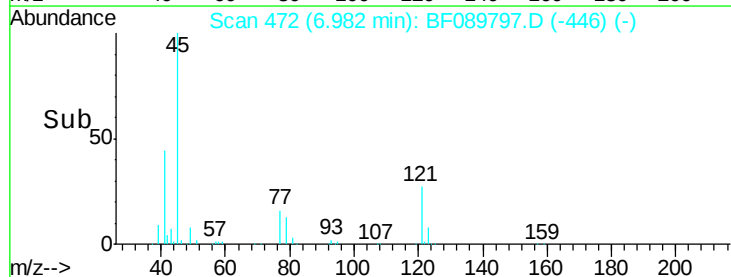
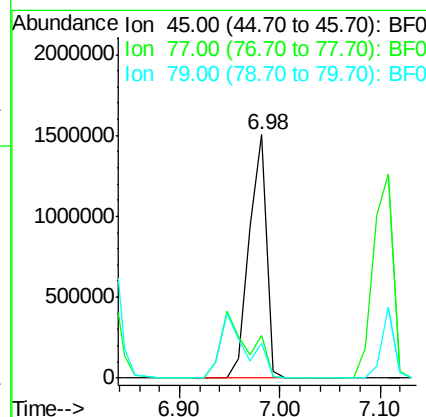
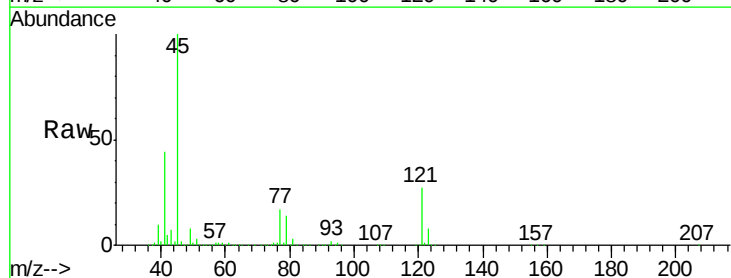
Tgt Ion: 45 Resp: 1788284

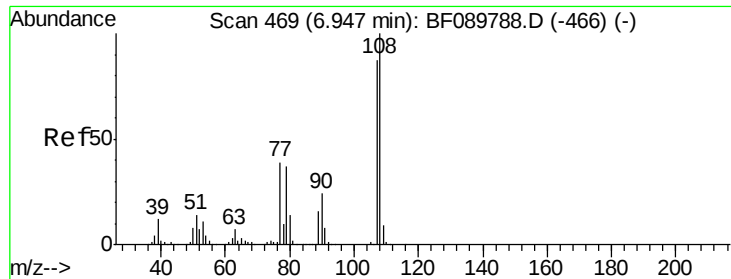
Ion Ratio Lower Upper

45 100

77 17.3 0.0 33.5

79 14.2 0.0 30.7

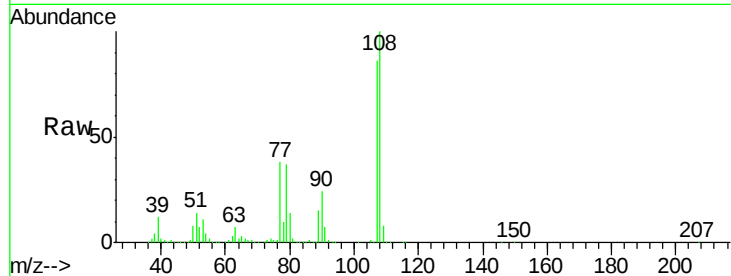




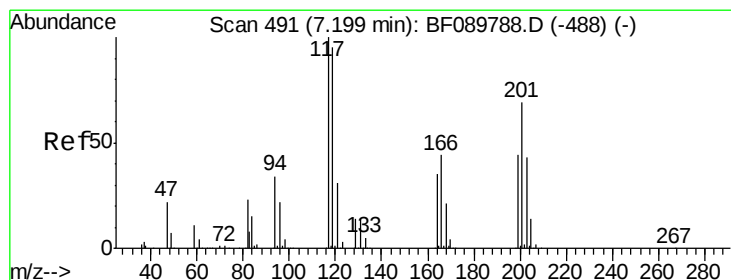
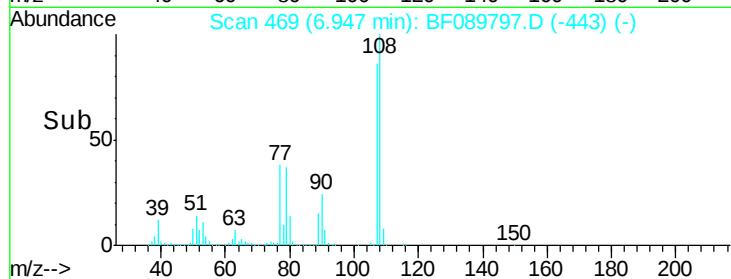
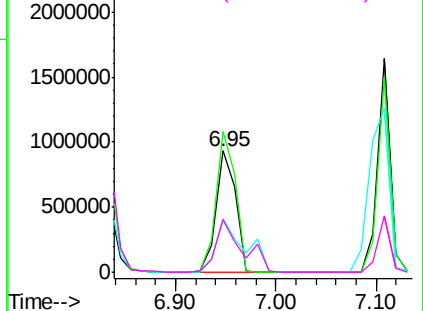
#17
2-Methylphenol
Concen: 42.31 ng
RT: 6.95 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion:107 Resp: 1250974
Ion Ratio Lower Upper
107 100
108 116.1 91.0 136.4
77 44.7 37.4 56.0
79 43.0 36.6 55.0

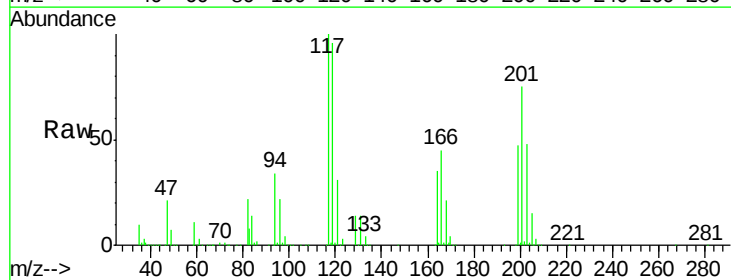


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

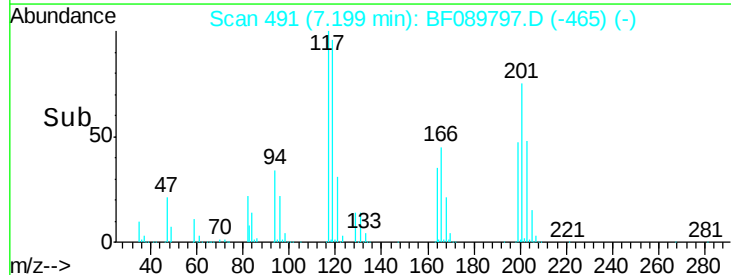
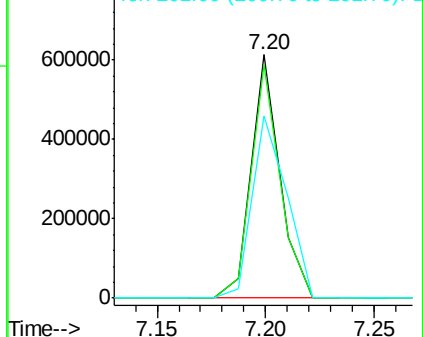


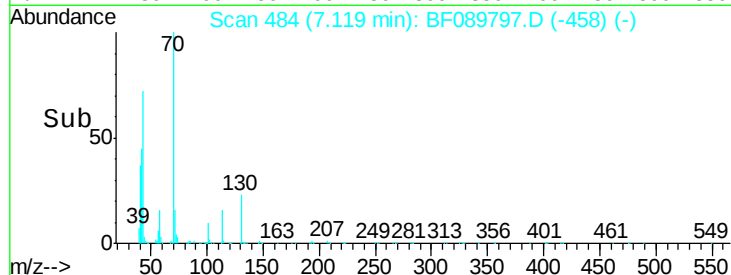
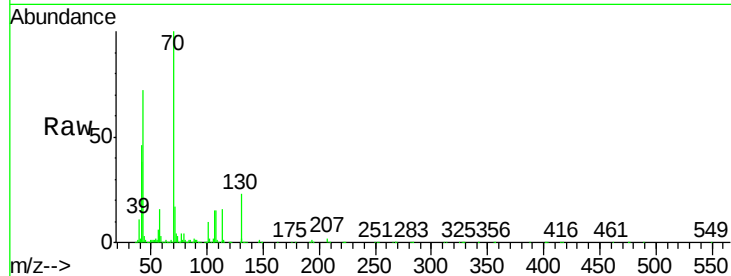
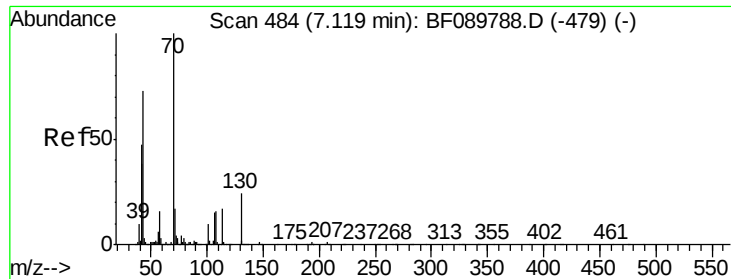
#18
Hexachloroethane
Concen: 38.74 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:117 Resp: 560575
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
201 74.9 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

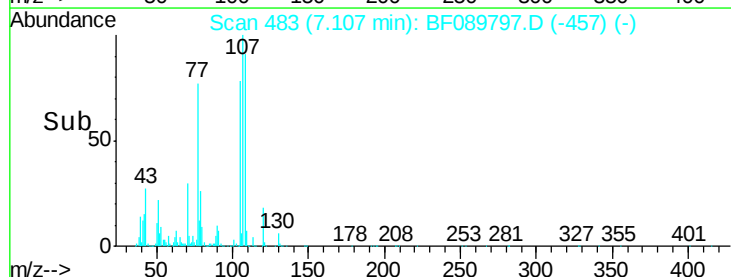
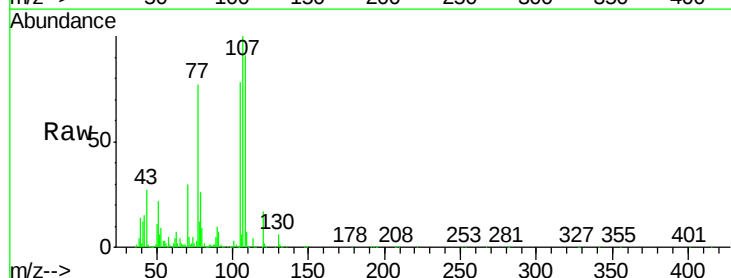
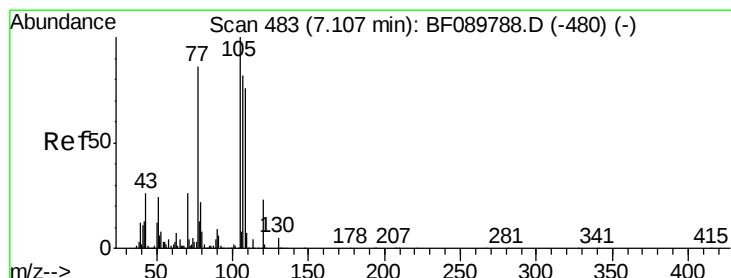
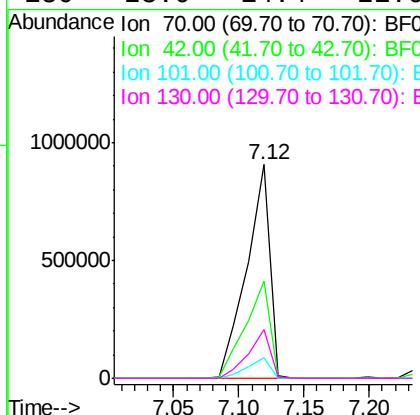




#19
n-Nitroso-di-n-propylamine
Concen: 45.29 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

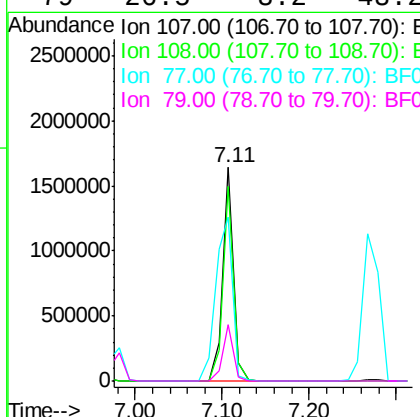
Instrument :
BNA_F
ClientSampleId :
PB92975BS

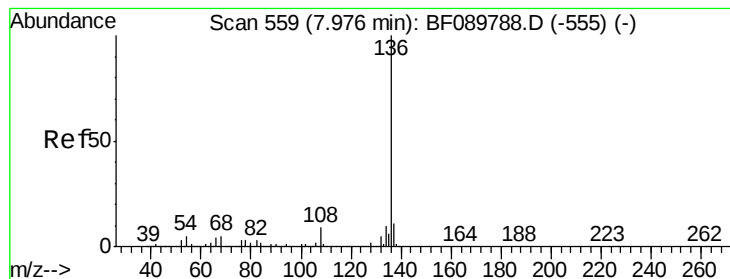
Tgt Ion: 70 Resp: 1122551
Ion Ratio Lower Upper
70 100
42 45.6 46.3 69.5#
101 9.9 7.0 10.6
130 23.0 14.4 21.6#



#20
3+4-Methylphenols
Concen: 39.53 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion: 107 Resp: 1433109
Ion Ratio Lower Upper
107 100
108 91.2 68.2 108.2
77 76.7 122.3 162.3#
79 26.5 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: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tgt Ion:136 Resp: 2137737

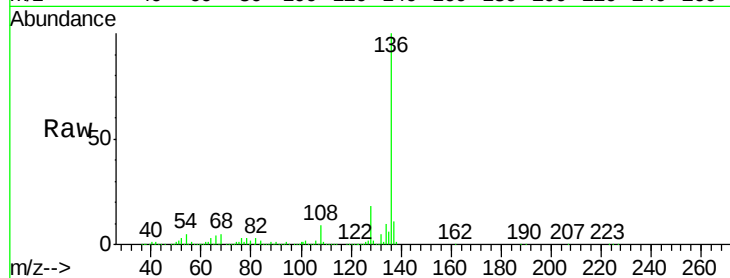
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 4.9 7.2 10.8#

68 4.6 5.8 8.8#

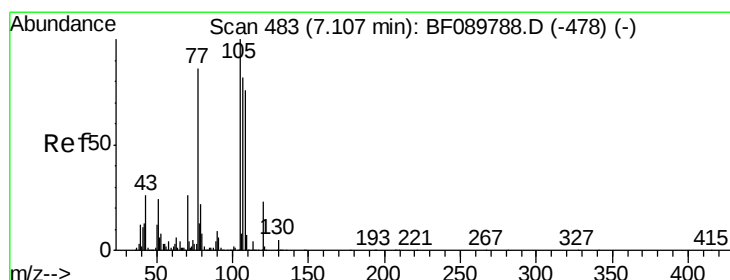
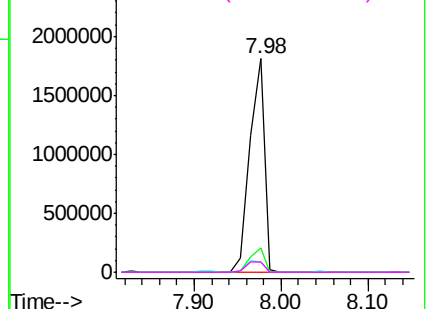
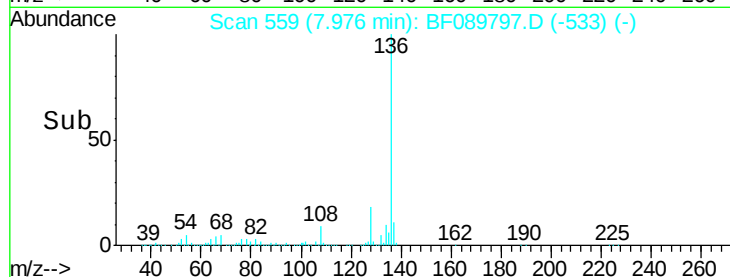


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.30 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:105 Resp: 1879994

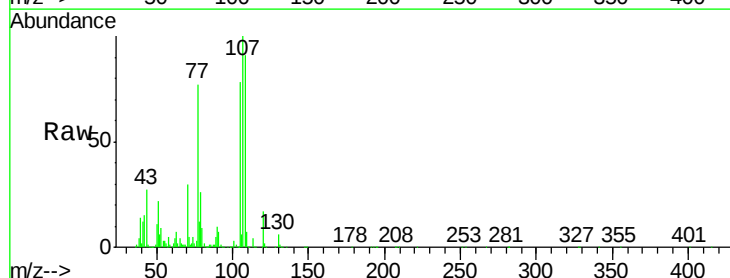
Ion Ratio Lower Upper

105 100

71 6.6 1.9 2.9#

51 27.9 28.5 42.7#

120 22.4 16.6 25.0

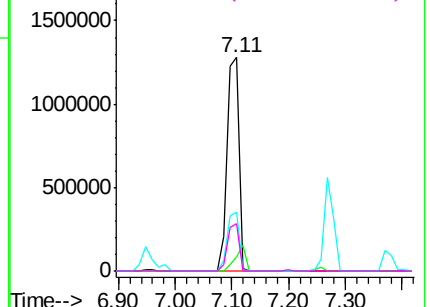
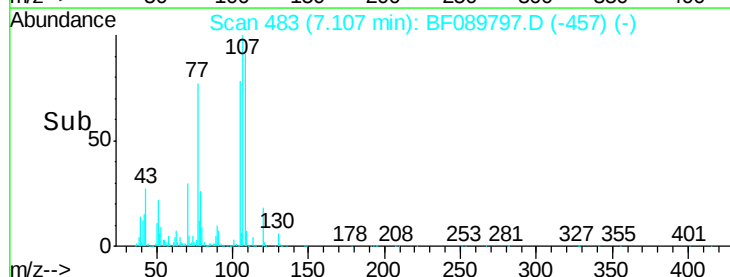


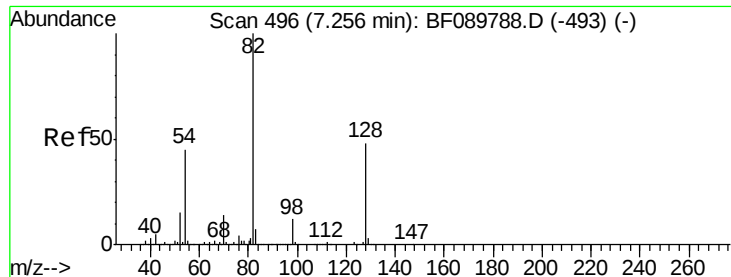
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

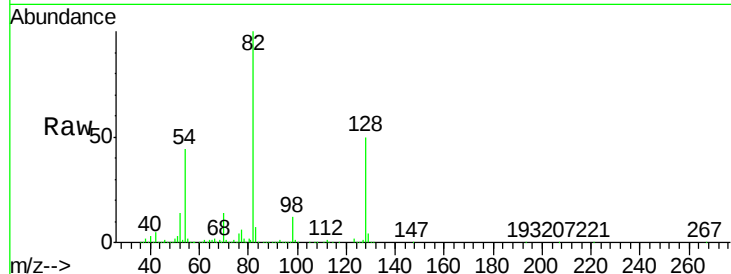




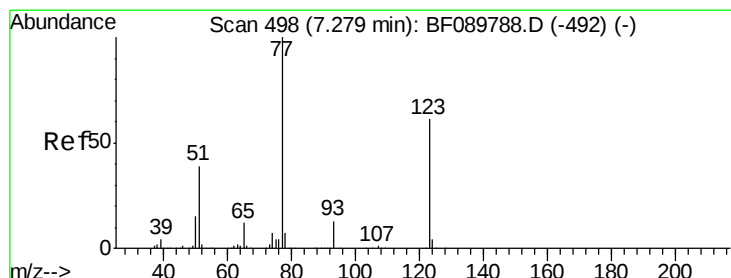
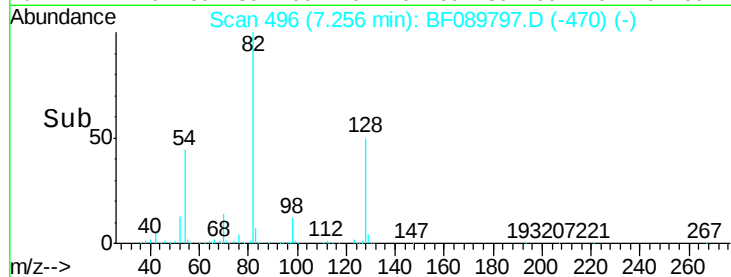
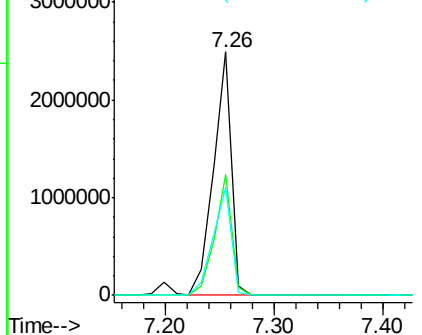
#23
 Nitrobenzene-d5
 Concen: 83.35 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tgt Ion: 82 Resp: 2868243
 Ion Ratio Lower Upper
 82 100
 128 49.8 34.4 51.6
 54 44.2 40.3 60.5

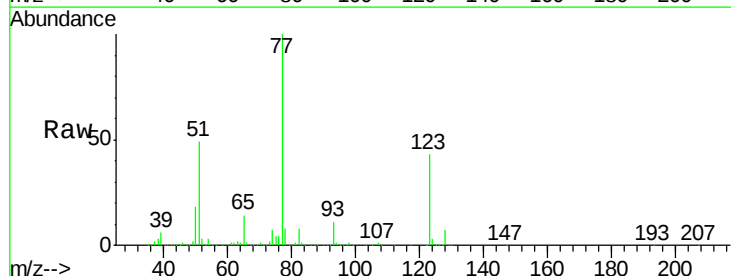


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

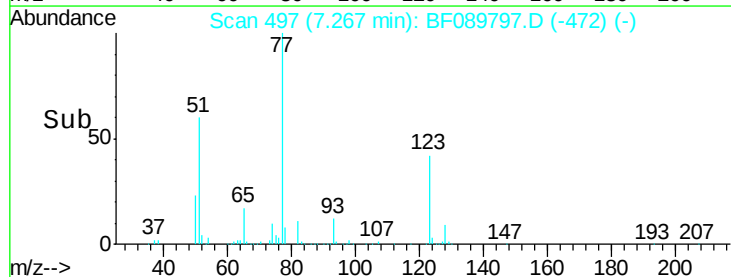
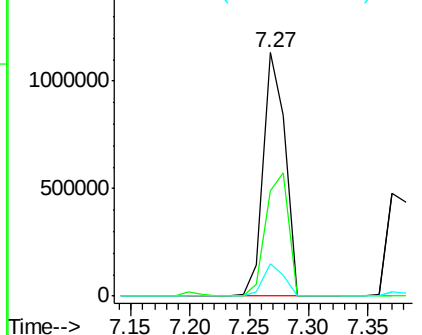


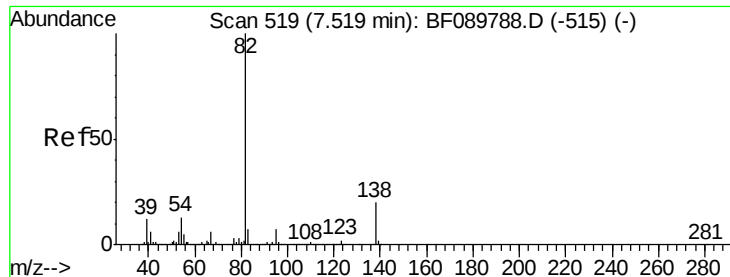
#24
 Nitrobenzene
 Concen: 37.78 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion: 77 Resp: 1458672
 Ion Ratio Lower Upper
 77 100
 123 43.5 36.2 54.2
 65 13.6 10.6 15.8



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





#25

Isophorone

Concen: 41.01 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

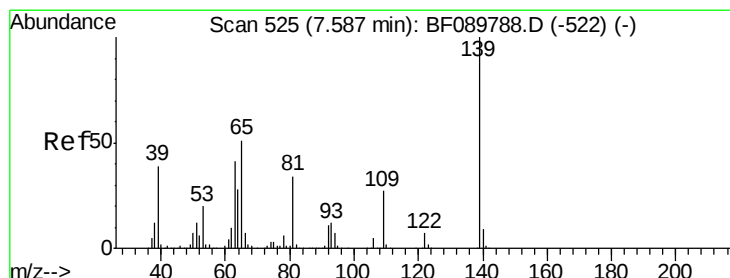
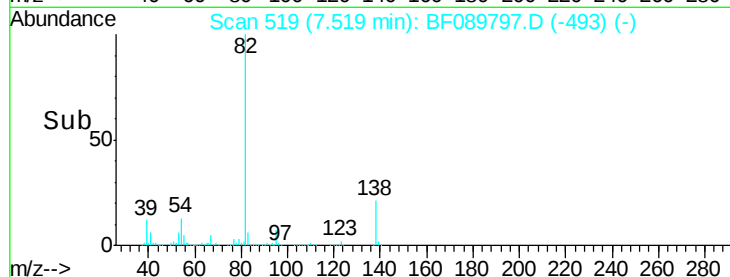
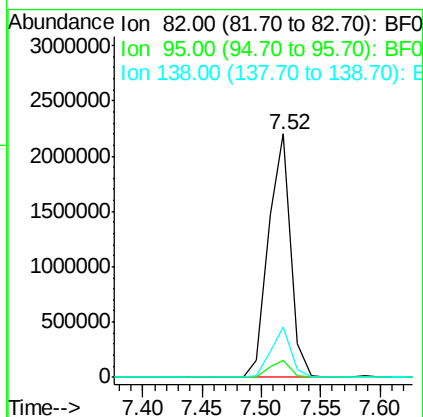
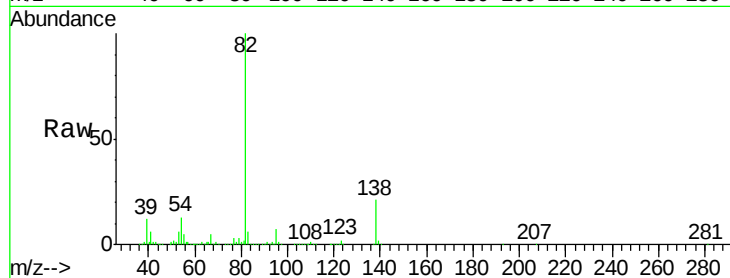
Tgt Ion: 82 Resp: 2845802

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

138 20.8 13.0 19.4#



#26

2-Nitrophenol

Concen: 40.55 ng

RT: 7.59 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

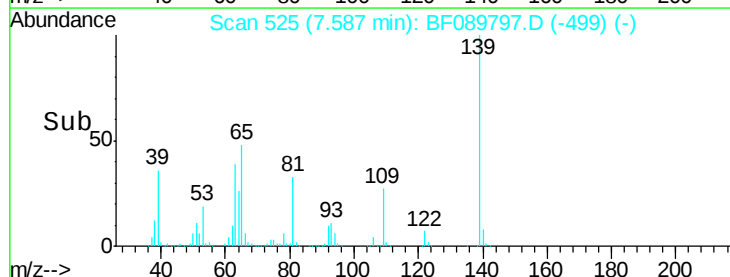
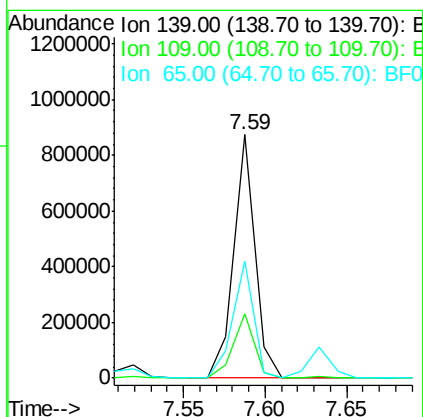
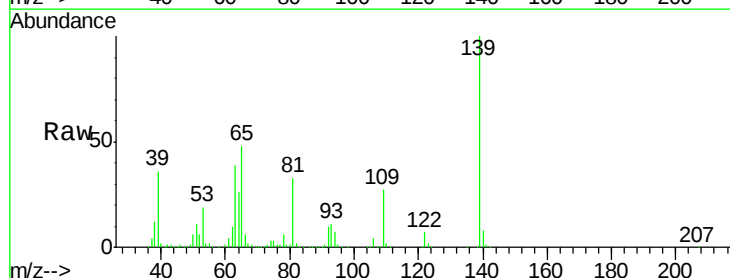
Tgt Ion: 139 Resp: 781127

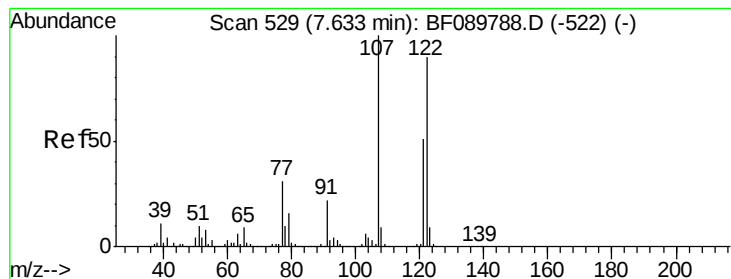
Ion Ratio Lower Upper

139 100

109 26.6 19.5 29.3

65 48.1 26.5 39.7#





#27

2,4-Dimethylphenol

Concen: 39.56 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

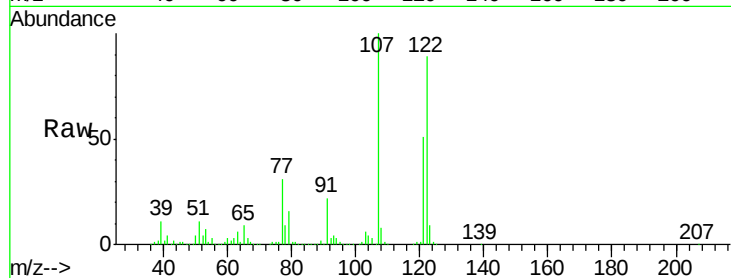
Tgt Ion:122 Resp: 1373367

Ion Ratio Lower Upper

122 100

107 111.8 84.8 127.2

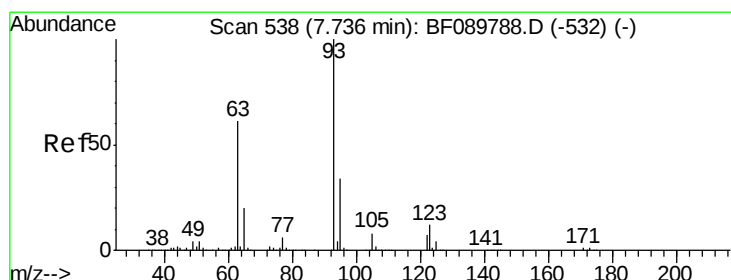
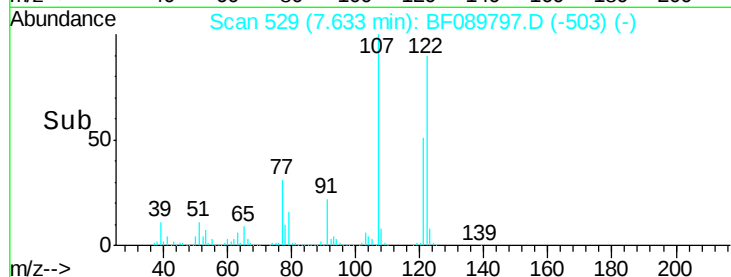
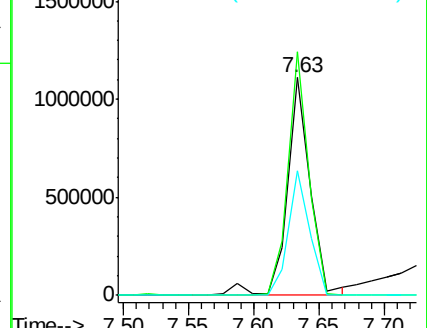
121 57.4 47.0 70.6



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: 46.49 ng

RT: 7.74 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

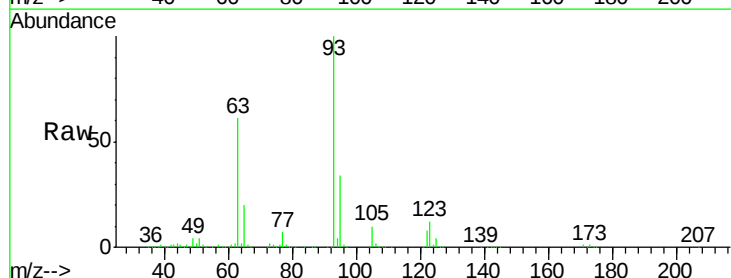
Tgt Ion: 93 Resp: 1996235

Ion Ratio Lower Upper

93 100

95 33.9 25.5 38.3

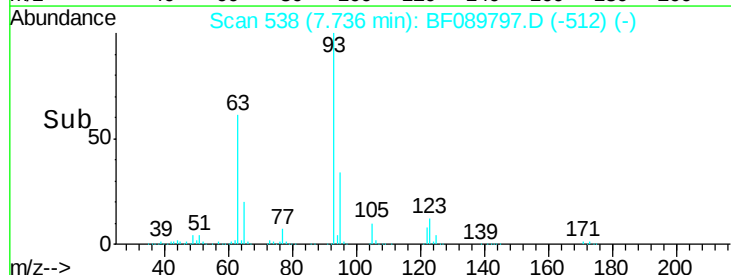
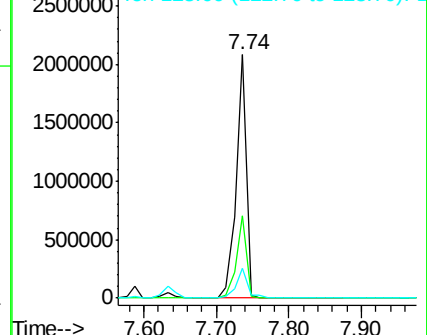
123 12.2 8.5 12.7

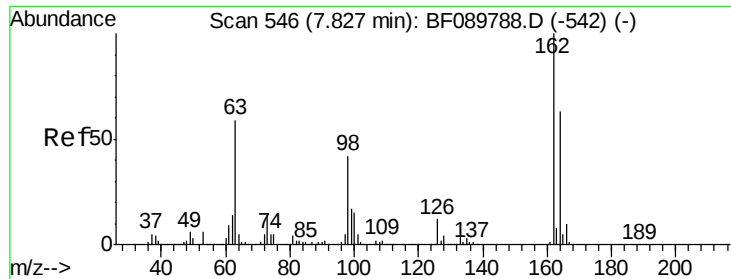


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

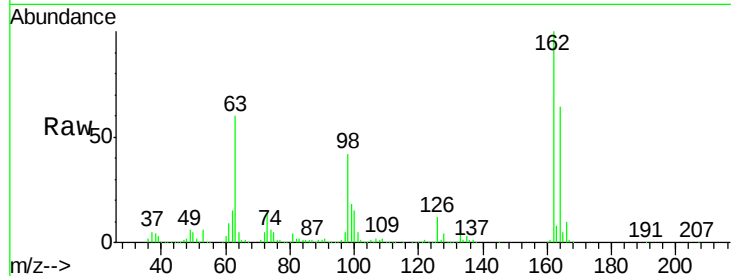




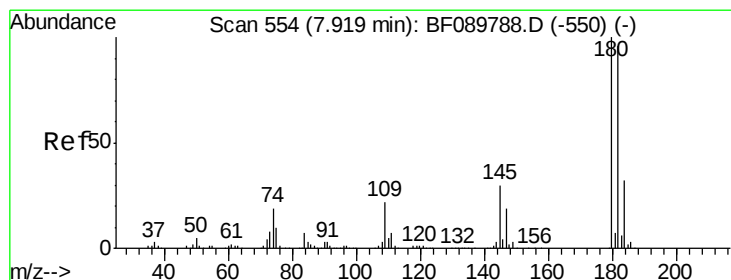
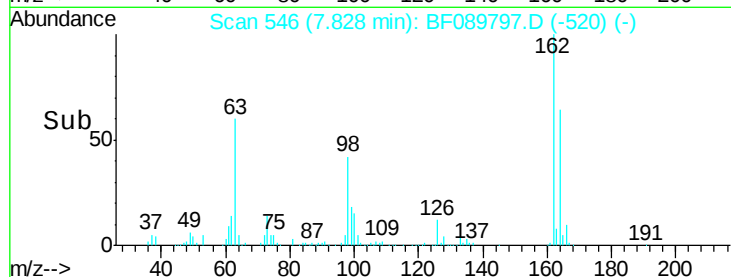
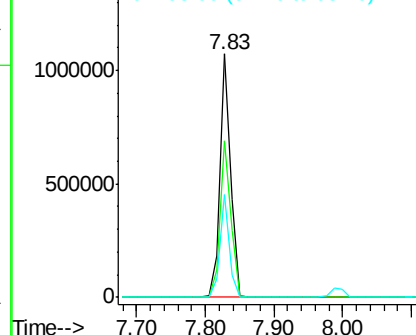
#29
 2,4-Dichlorophenol
 Concen: 40.45 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tgt Ion:162 Resp: 1178185
 Ion Ratio Lower Upper
 162 100
 164 64.2 45.5 85.5
 98 42.3 12.4 52.4

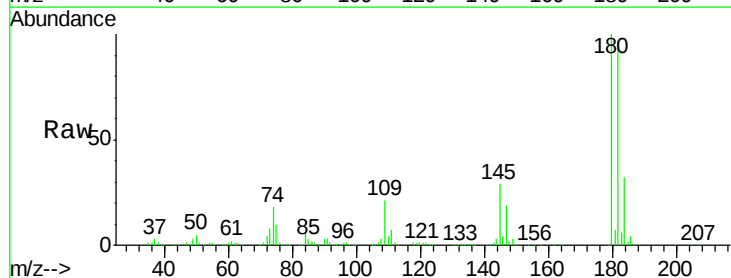


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

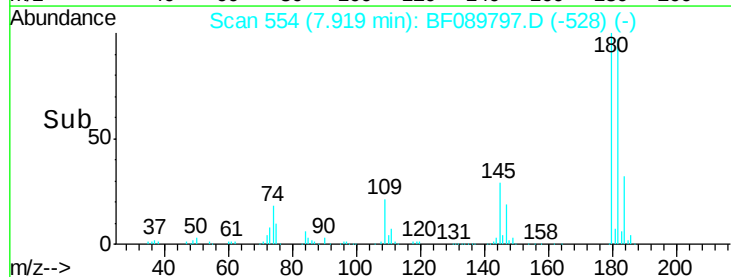
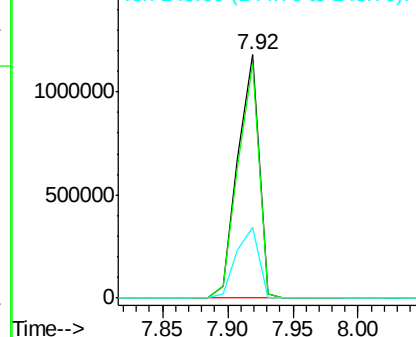


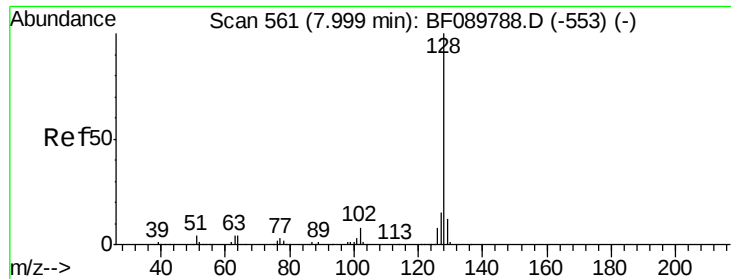
#30
 1,2,4-Trichlorobenzene
 Concen: 41.03 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:180 Resp: 1322100
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.5 113.3
 145 29.1 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

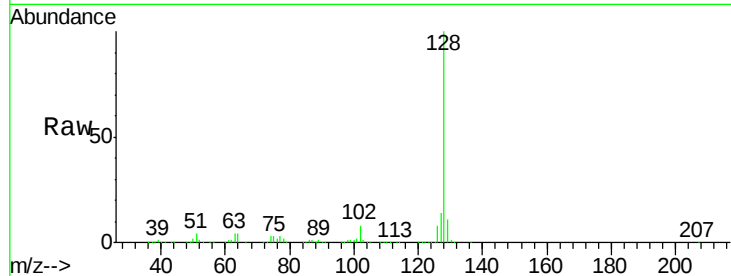




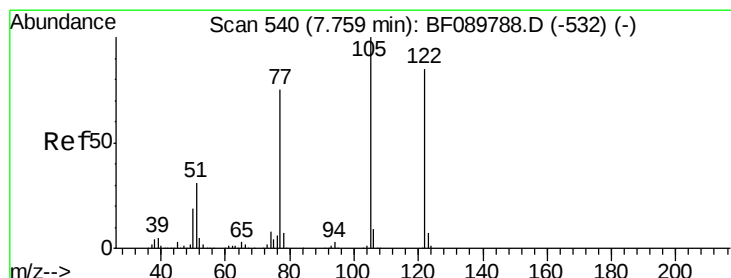
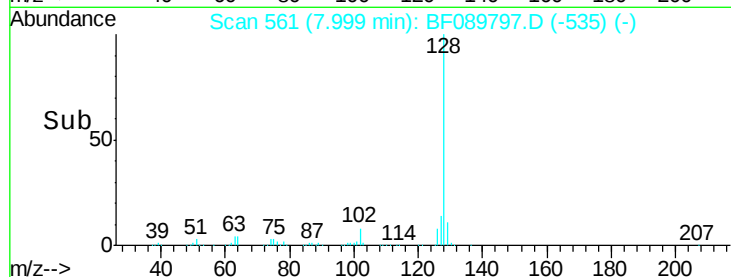
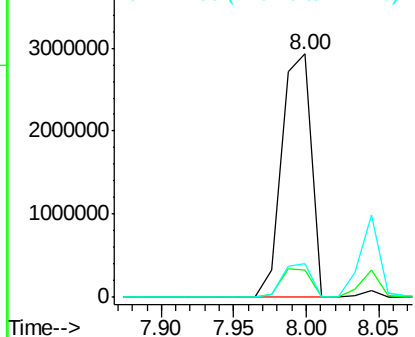
#31
Naphthalene
Concen: 41.09 ng
RT: 8.00 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion:128 Resp: 4105718
Ion Ratio Lower Upper
128 100
129 11.4 9.5 14.3
127 13.9 11.3 16.9

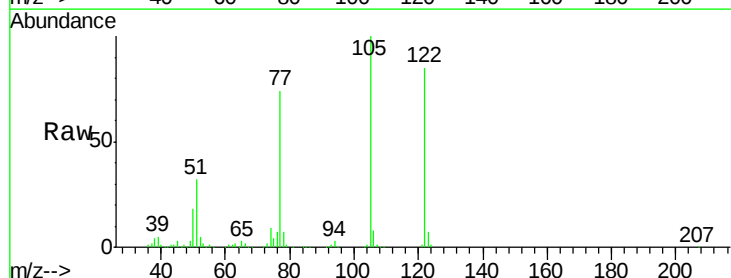


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

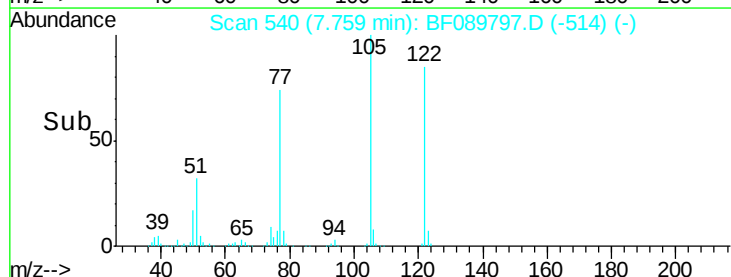
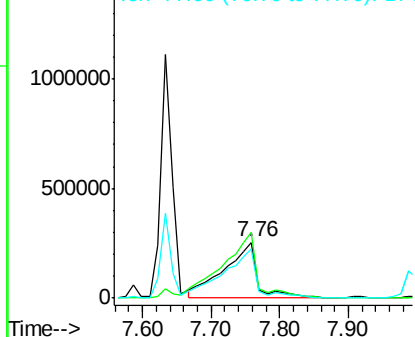


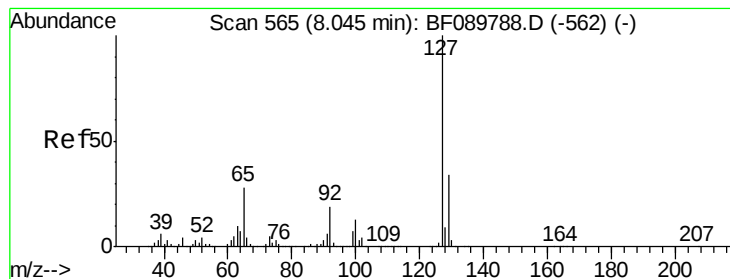
#32
Benzoic acid
Concen: 31.92 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:122 Resp: 863439
Ion Ratio Lower Upper
122 100
105 118.1 100.8 140.8
77 87.9 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: 22.10 ng

RT: 8.04 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

Tgt Ion:127 Resp: 956949

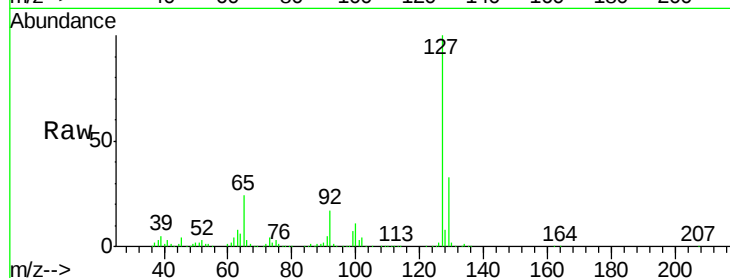
Ion Ratio Lower Upper

127 100

129 33.2 27.0 40.6

65 24.1 14.7 22.1#

92 17.0 11.7 17.5

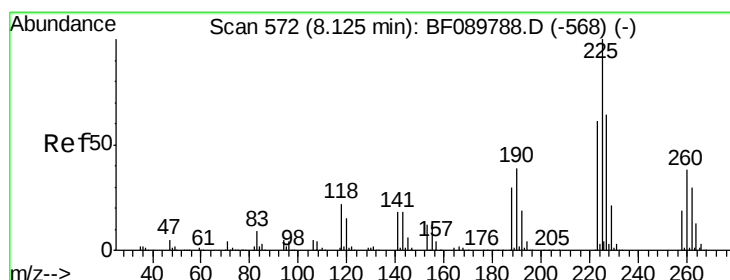
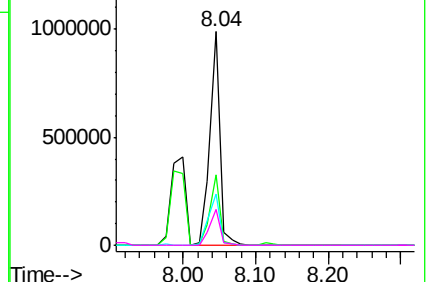
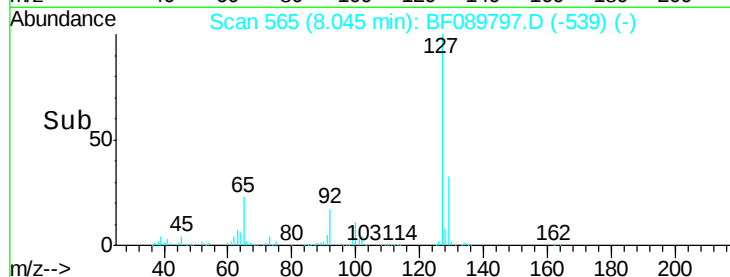


Abundance Ion 127.00 (126.70 to 127.70): E

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: 40.13 ng

RT: 8.12 min Scan# 572

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

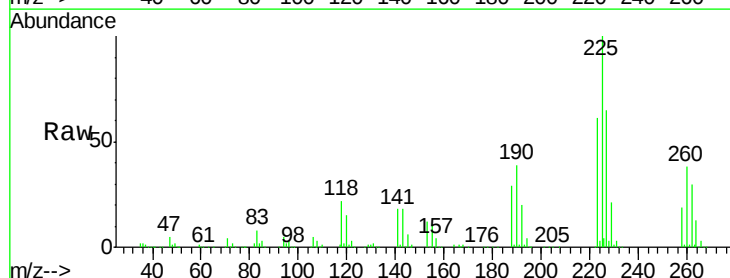
Tgt Ion:225 Resp: 677120

Ion Ratio Lower Upper

225 100

223 61.0 51.0 76.6

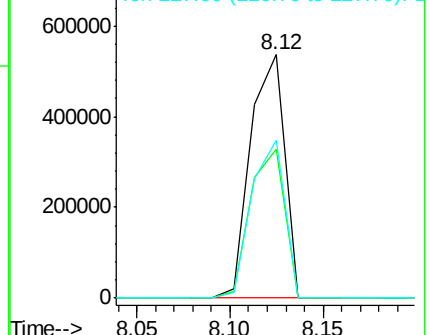
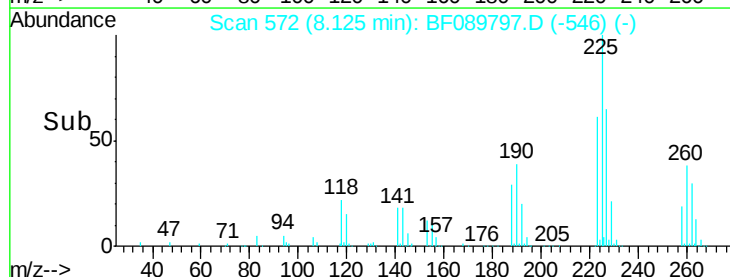
227 64.6 49.8 74.6

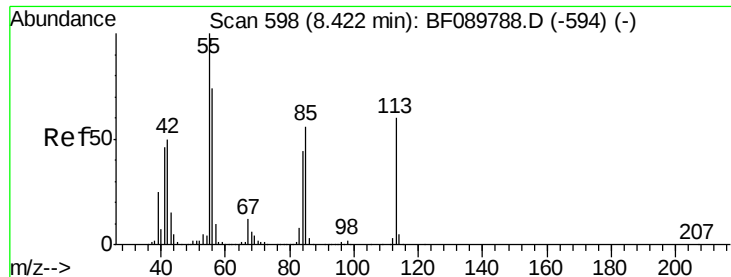


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

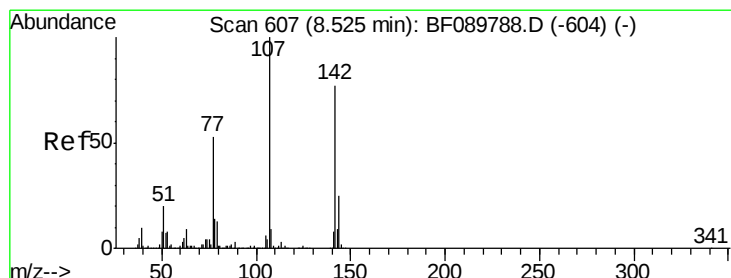
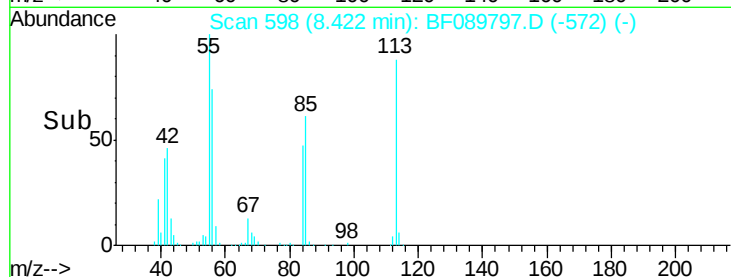
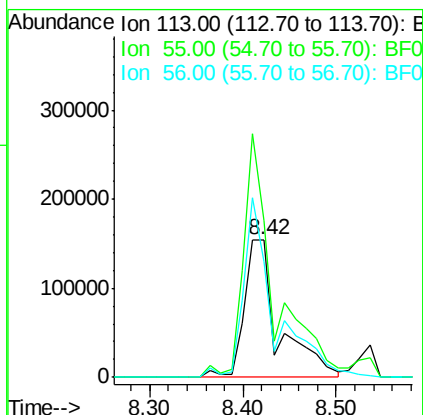
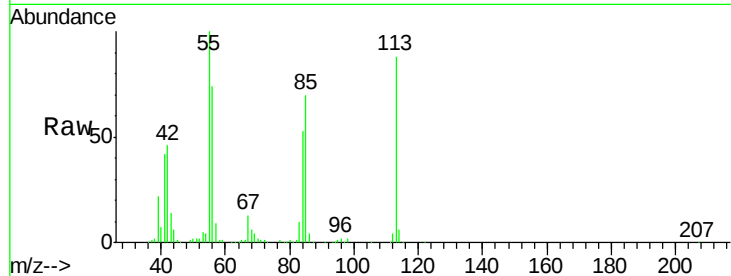




#35
 Caprolactam
 Concen: 44.52 ng
 RT: 8.42 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

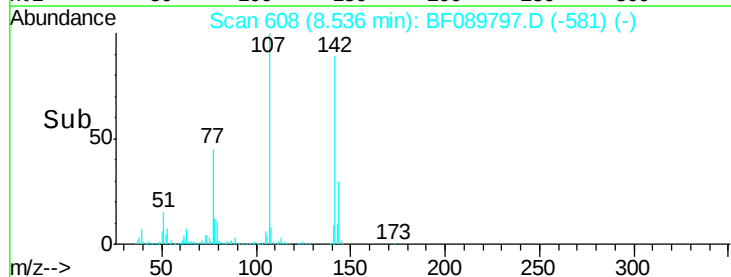
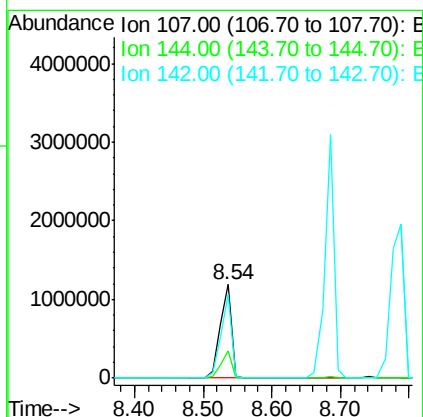
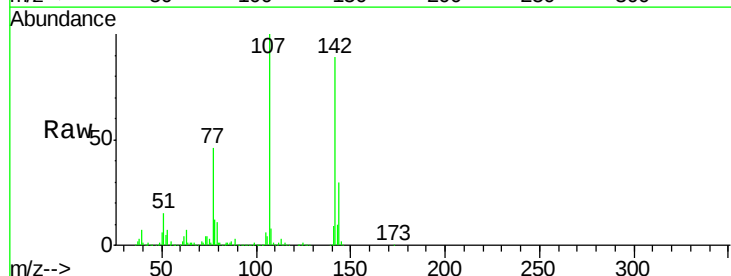
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

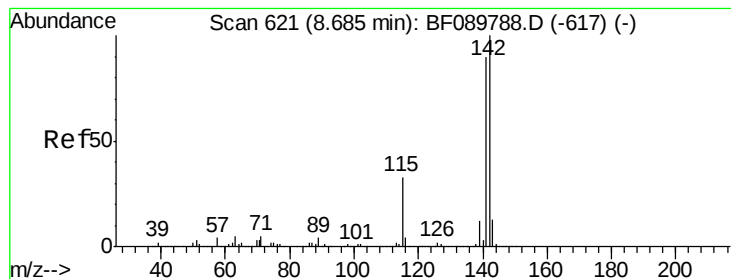
Tgt Ion:113 Resp: 394926
 Ion Ratio Lower Upper
 113 100
 55 113.7 135.9 175.9#
 56 84.0 93.9 133.9#



#36
 4-Chloro-3-methylphenol
 Concen: 44.07 ng
 RT: 8.54 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:107 Resp: 1390464
 Ion Ratio Lower Upper
 107 100
 144 29.8 22.6 34.0
 142 89.2 69.3 103.9

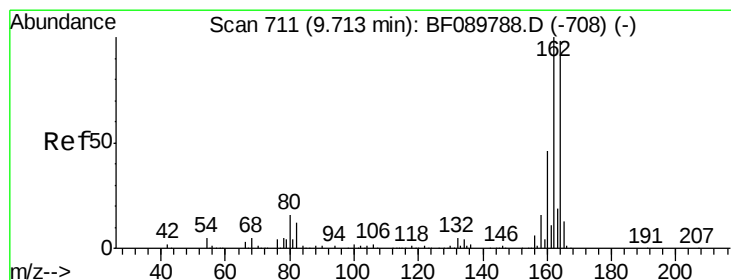
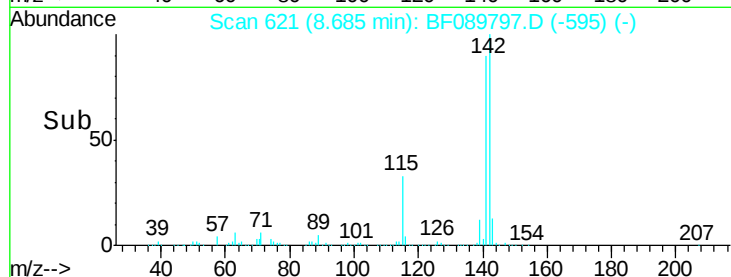
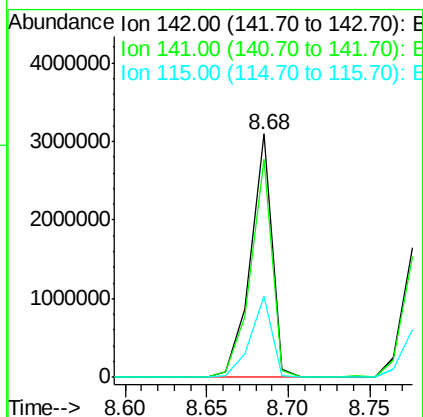
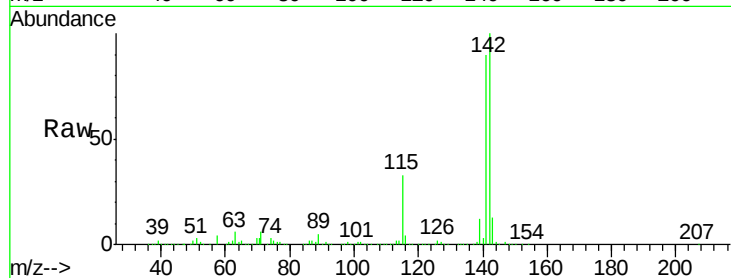




#37
 2-Methylnaphthalene
 Concen: 43.93 ng
 RT: 8.68 min Scan# 621
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

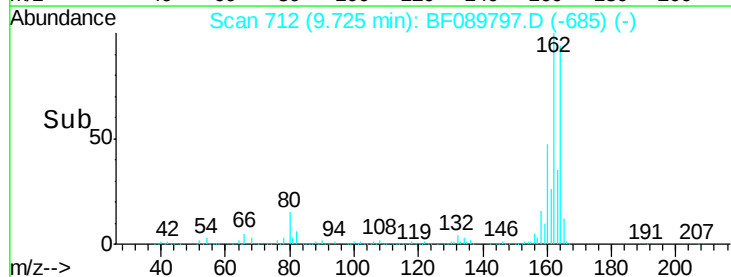
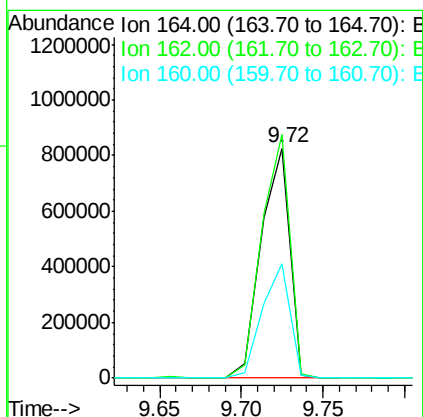
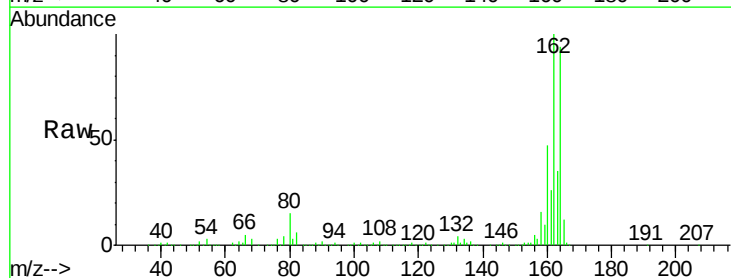
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

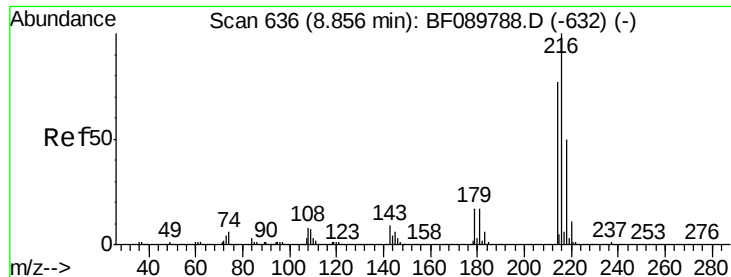
Tgt Ion:142 Resp: 2839573
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2
 115 33.4 22.7 34.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 712
 Delta R.T. 0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:164 Resp: 1004284
 Ion Ratio Lower Upper
 164 100
 162 105.9 81.4 122.2
 160 49.5 37.8 56.6

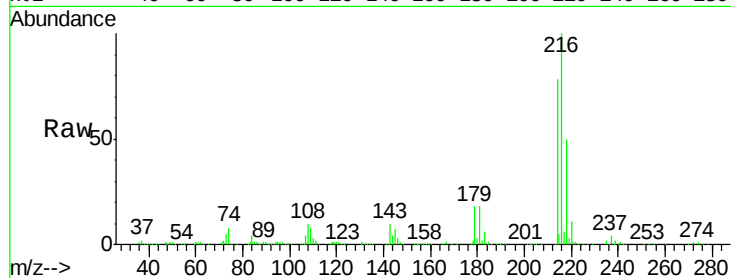




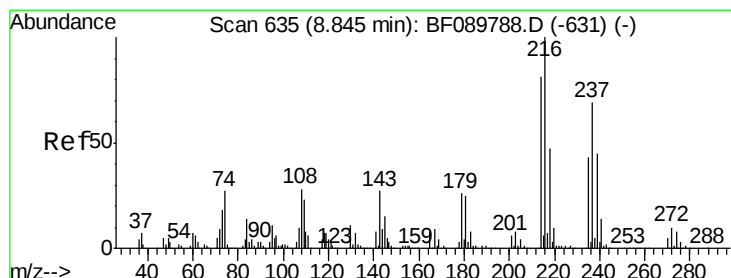
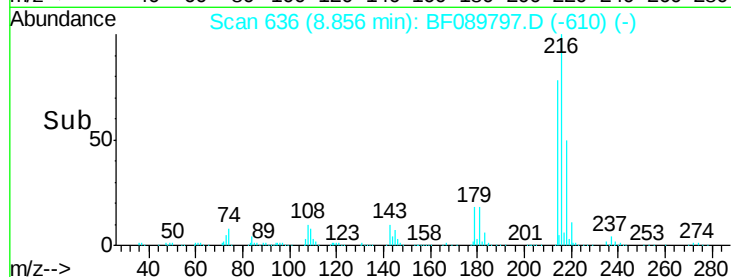
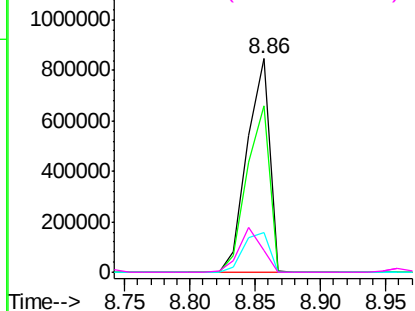
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.24 ng
 RT: 8.86 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tgt Ion:	216	Resp:	1015829
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.5	95.3
179	21.2	19.9	29.9
108	20.9	19.9	29.9

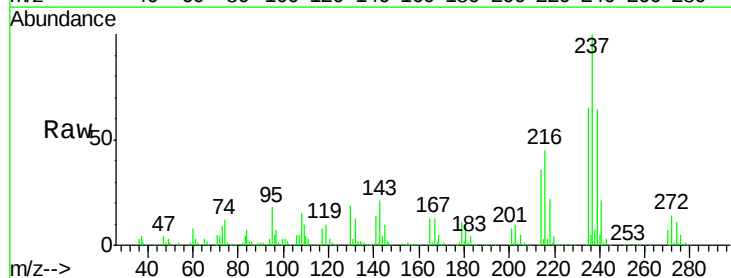


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

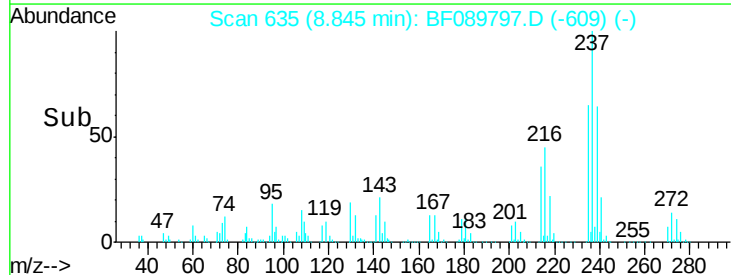
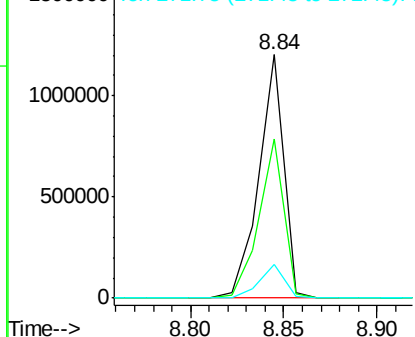


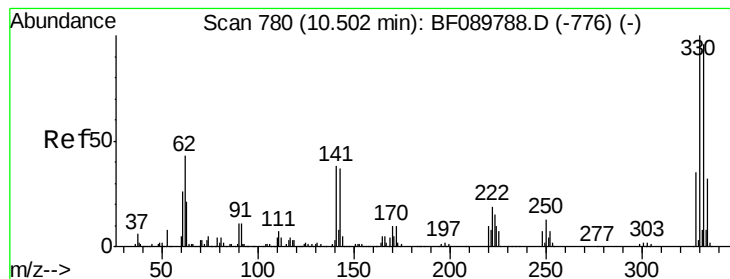
#40
 Hexachlorocyclopentadiene
 Concen: 98.17 ng
 RT: 8.84 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:	237	Resp:	1108400
Ion	Ratio	Lower	Upper
237	100		
235	65.1	43.7	83.7
272	13.8	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: 83.16 ng

RT: 10.50 min Scan# 780

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

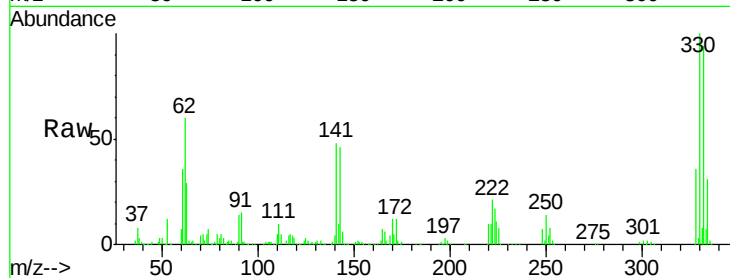
Tgt Ion:330 Resp: 793704

Ion Ratio Lower Upper

330 100

332 94.8 76.7 115.1

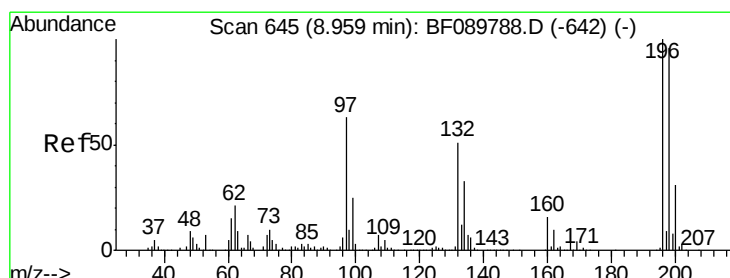
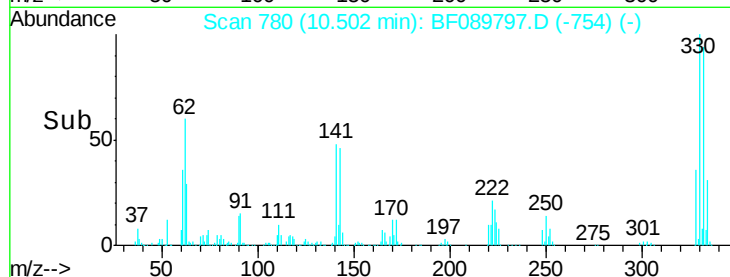
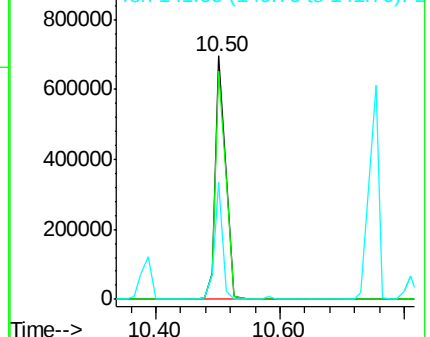
141 37.9 30.2 45.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 41.59 ng

RT: 8.96 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

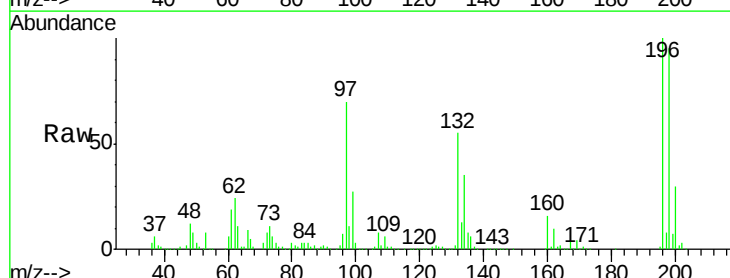
Tgt Ion:196 Resp: 850985

Ion Ratio Lower Upper

196 100

198 94.6 76.3 114.5

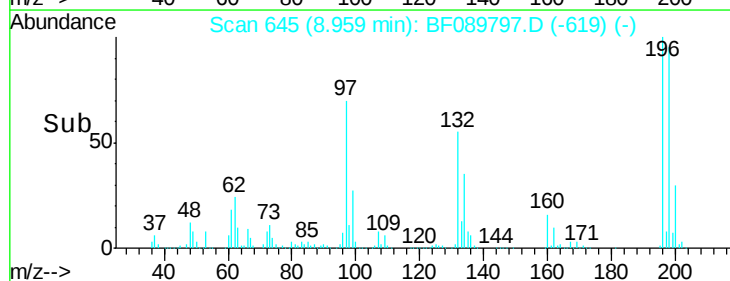
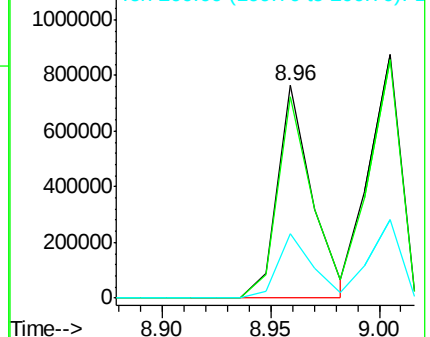
200 30.2 24.6 36.8

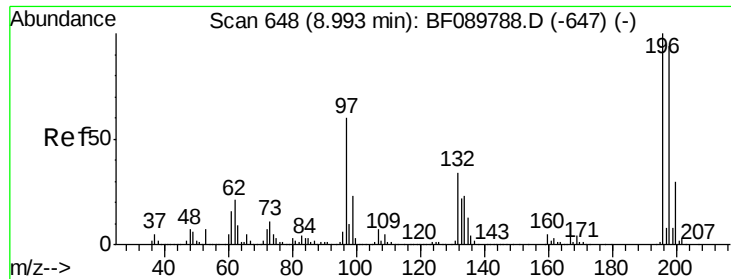


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

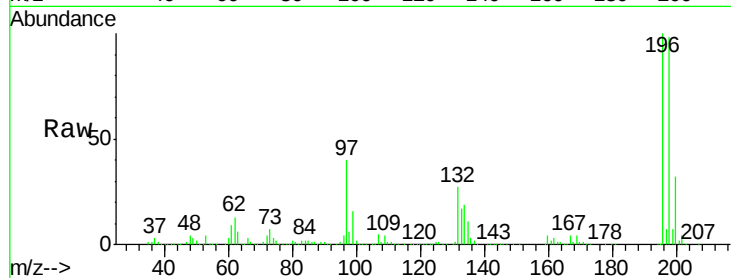




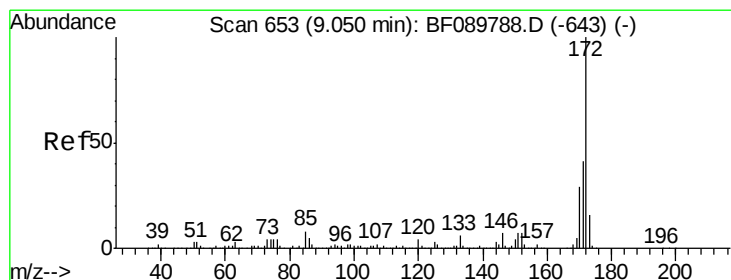
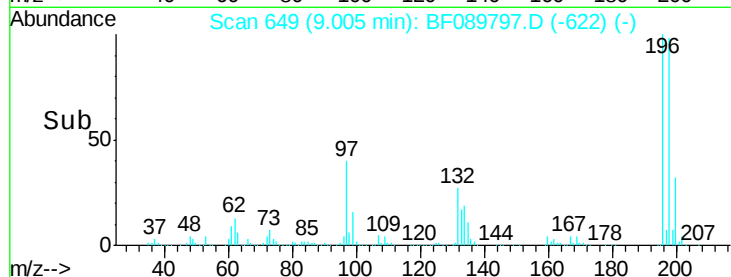
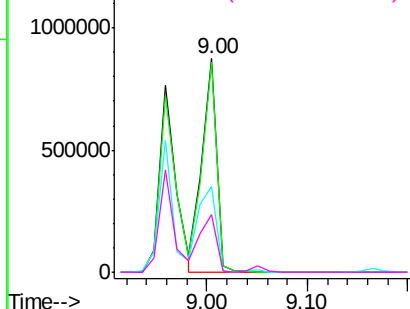
#43
2,4,5-Trichlorophenol
Concen: 43.67 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion:196 Resp: 888690
Ion Ratio Lower Upper
196 100
198 98.1 76.6 114.8
97 40.2 35.8 53.8
132 26.9 23.5 35.3

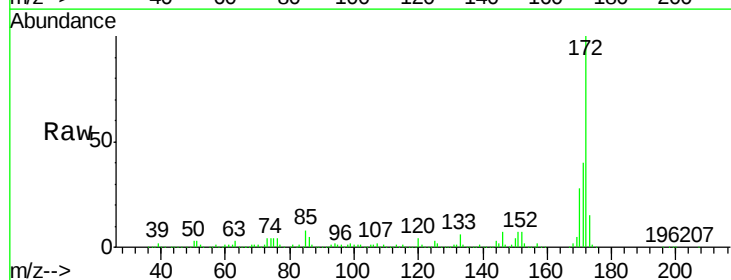


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

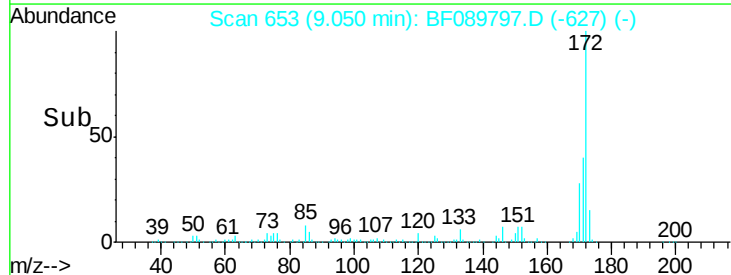
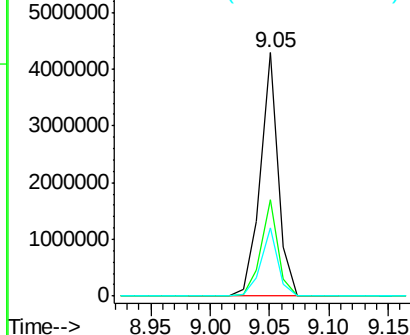


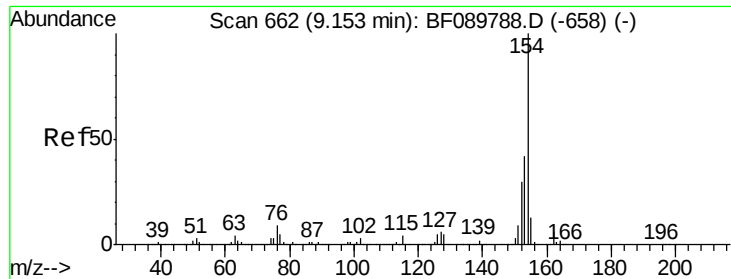
#44
2-Fluorobiphenyl
Concen: 79.10 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:172 Resp: 4519685
Ion Ratio Lower Upper
172 100
171 39.7 30.5 45.7
170 28.0 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

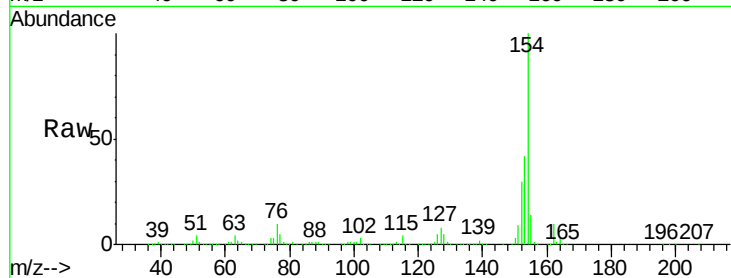




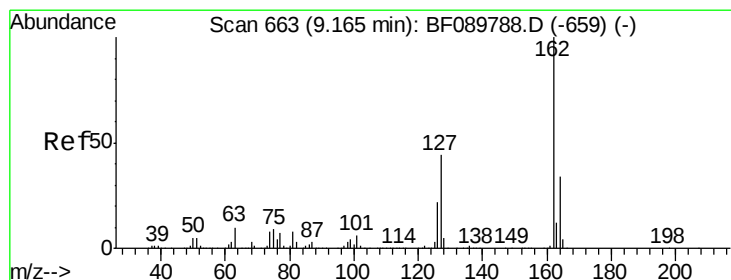
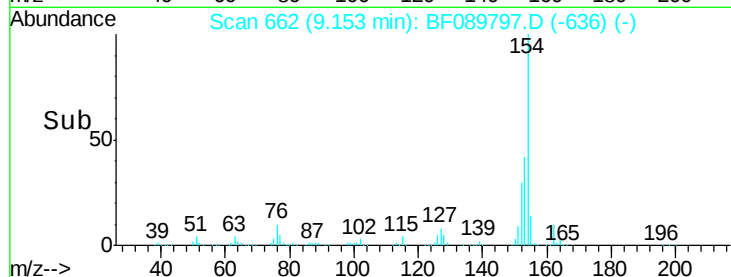
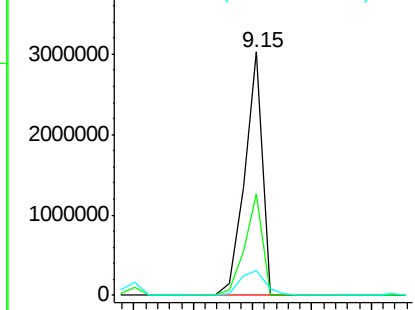
#45
 1,1'-Biphenyl
 Concen: 40.02 ng
 RT: 9.15 min Scan# 662
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tgt Ion:154 Resp: 3110455
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.5 61.5
 76 10.4 0.0 36.7

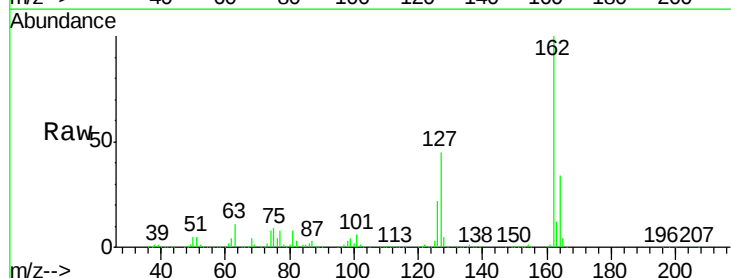


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

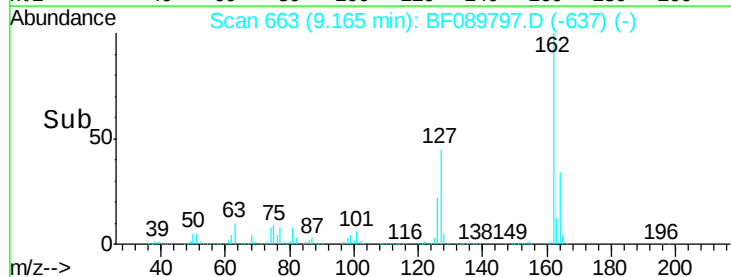
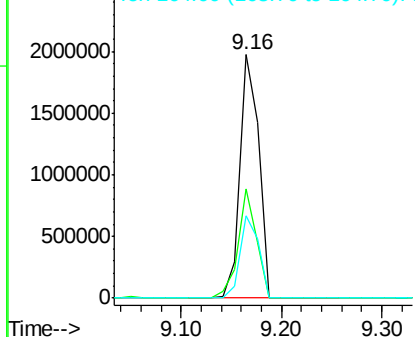


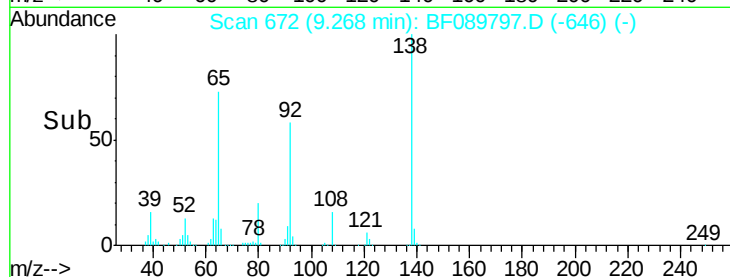
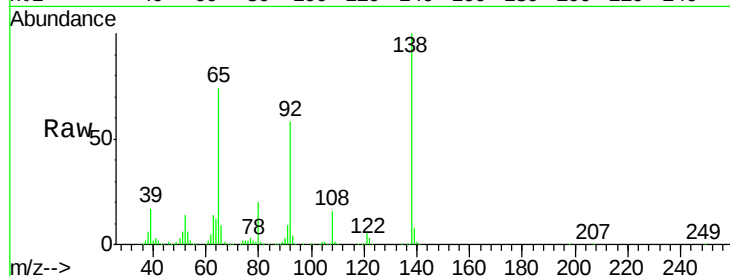
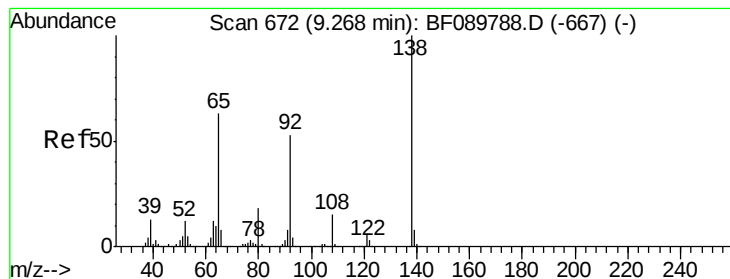
#46
 2-Chloronaphthalene
 Concen: 41.44 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:162 Resp: 2546085
 Ion Ratio Lower Upper
 162 100
 127 44.7 35.5 53.3
 164 34.0 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: 49.85 ng

RT: 9.27 min Scan# 672

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

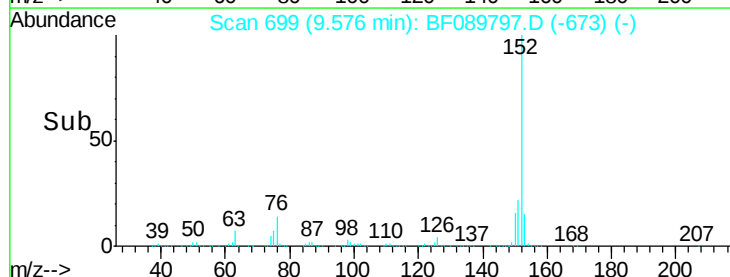
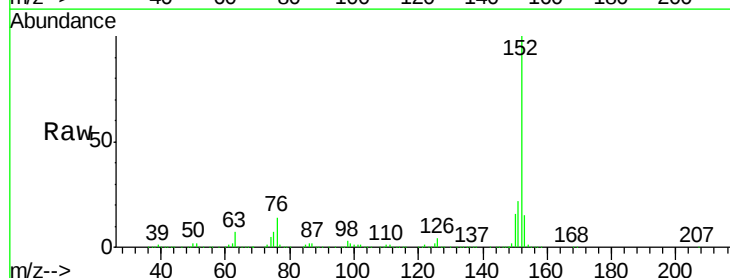
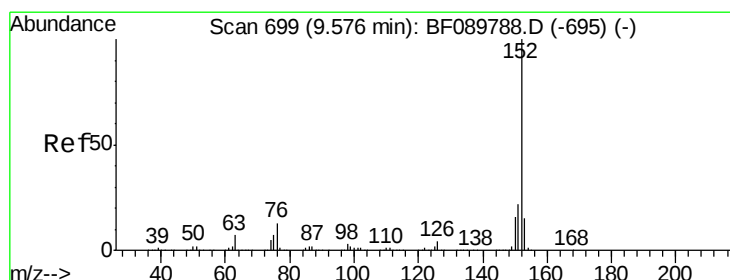
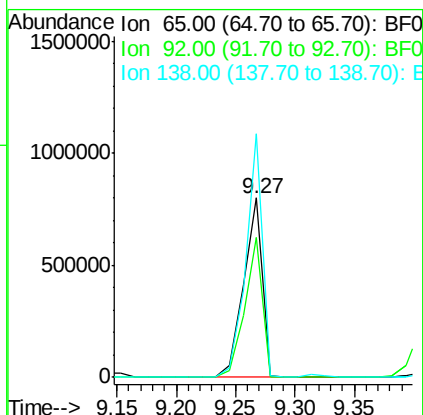
Tgt Ion: 65 Resp: 873444

Ion Ratio Lower Upper

65 100

92 78.1 56.3 84.5

138 135.9 81.8 122.8#



#48

Acenaphthylene

Concen: 42.26 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

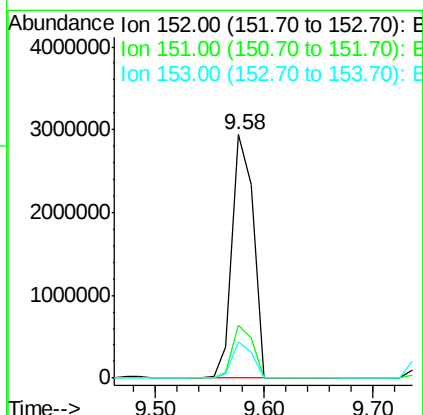
Tgt Ion:152 Resp: 3901023

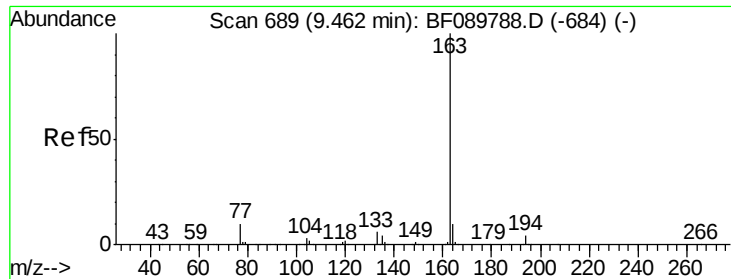
Ion Ratio Lower Upper

152 100

151 21.8 17.1 25.7

153 14.8 11.2 16.8

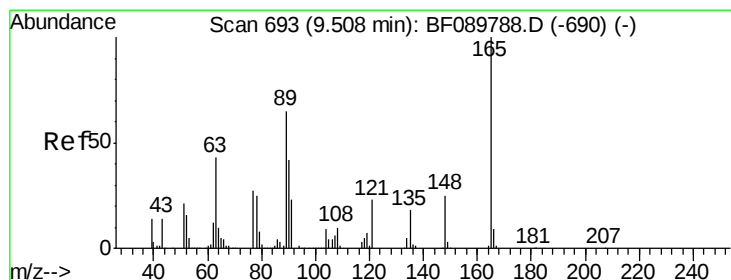
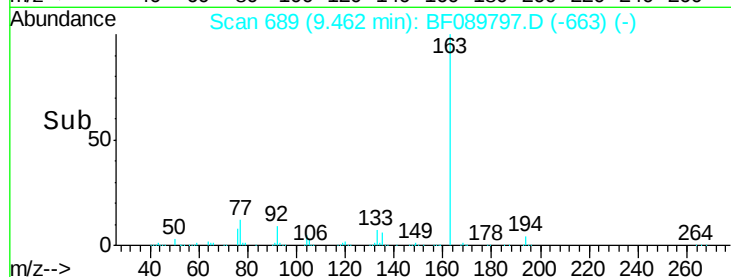
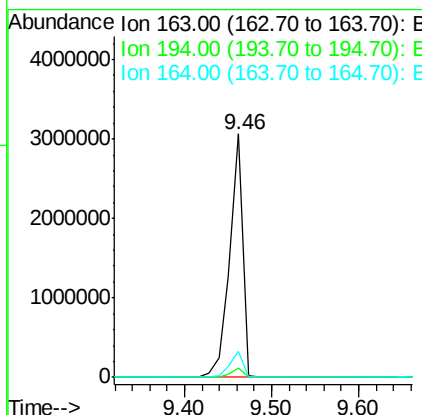
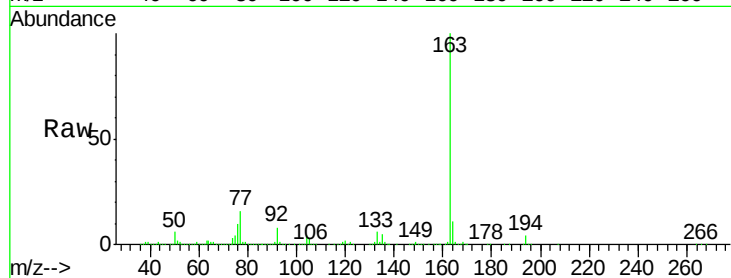




#49
Dimethylphthalate
Concen: 45.09 ng
RT: 9.46 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

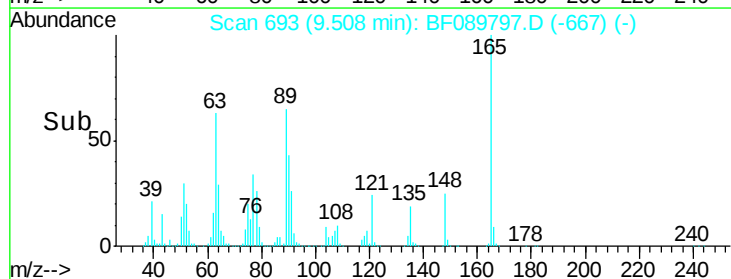
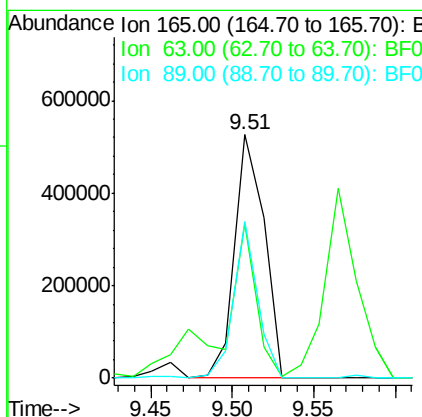
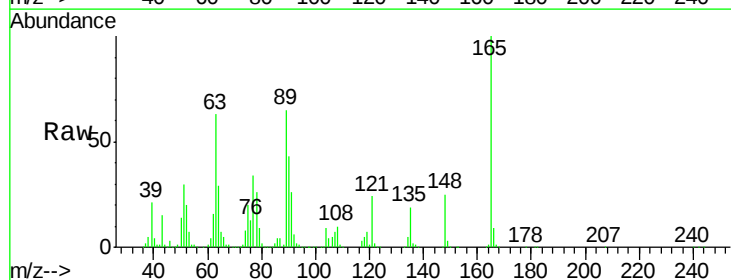
Instrument :
BNA_F
ClientSampleId :
PB92975BS

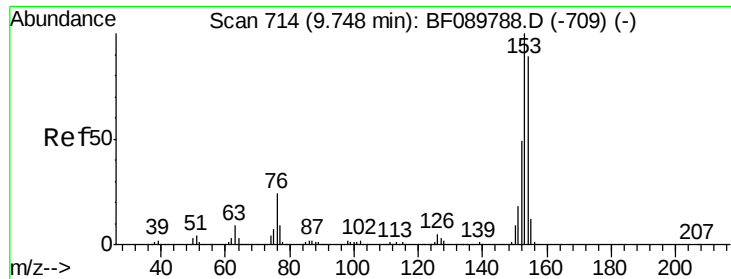
Tgt Ion:163 Resp: 3188277
Ion Ratio Lower Upper
163 100
194 3.8 2.6 3.8
164 10.9 8.6 12.8



#50
2,6-Dinitrotoluene
Concen: 40.16 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:165 Resp: 655652
Ion Ratio Lower Upper
165 100
63 63.4 41.7 62.5#
89 64.6 44.6 67.0

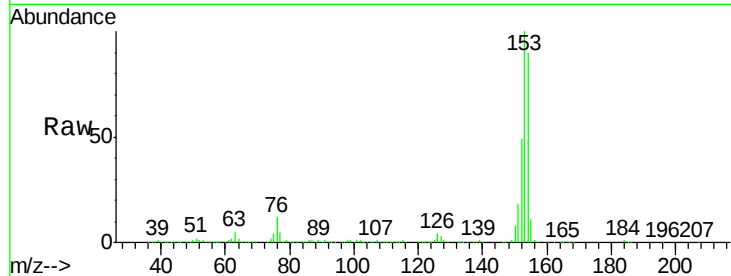




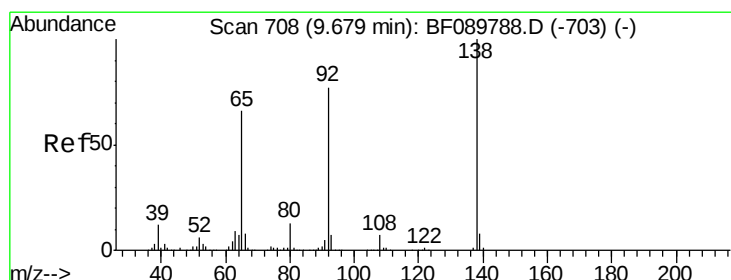
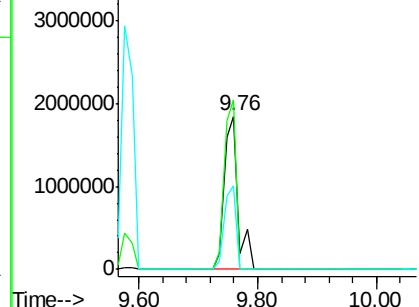
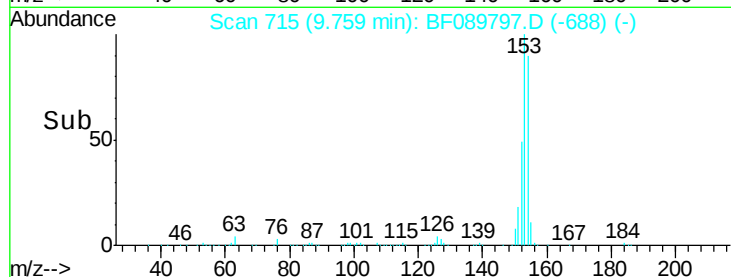
#51
Acenaphthene
Concen: 48.86 ng
RT: 9.76 min Scan# 715
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion:154 Resp: 2984988
Ion Ratio Lower Upper
154 100
153 110.6 90.5 135.7
152 54.7 44.6 67.0

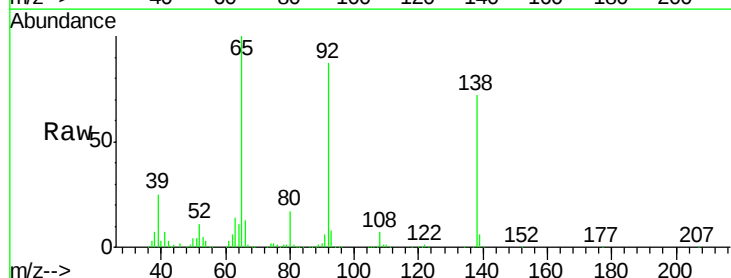


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

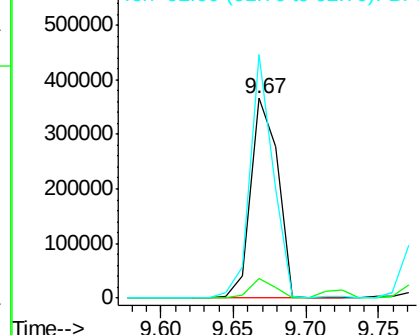
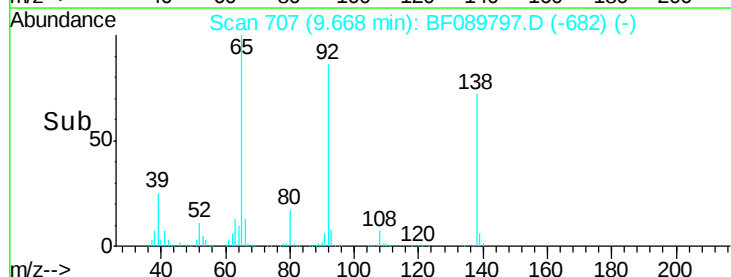


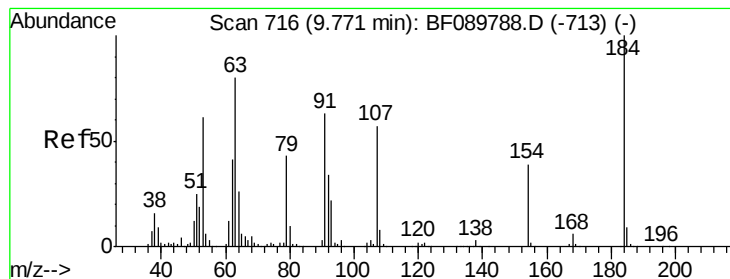
#52
3-Nitroaniline
Concen: 26.38 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:138 Resp: 477087
Ion Ratio Lower Upper
138 100
108 9.8 8.1 12.1
92 121.8 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: 80.09 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

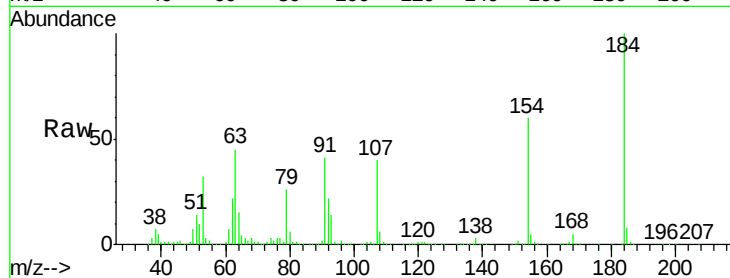
Tgt Ion:184 Resp: 770940

Ion Ratio Lower Upper

184 100

63 45.0 54.2 81.4#

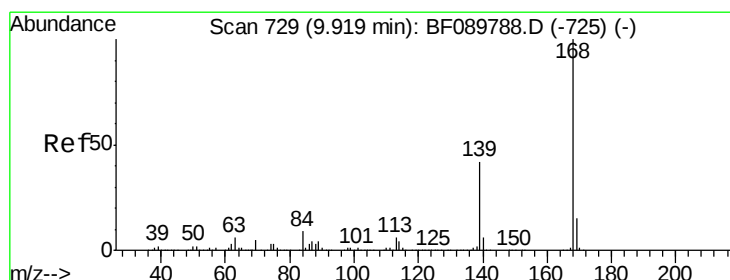
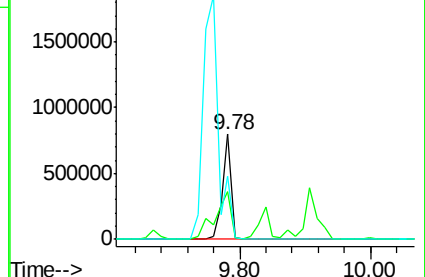
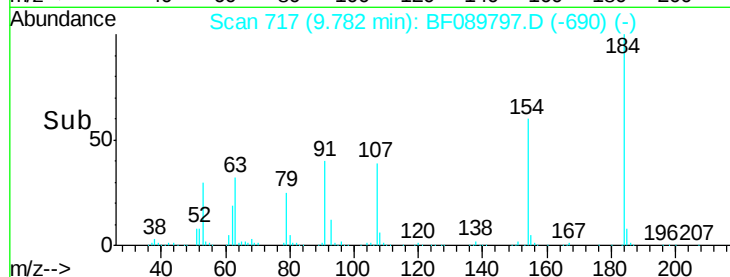
154 59.9 52.7 79.1



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: 48.44 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

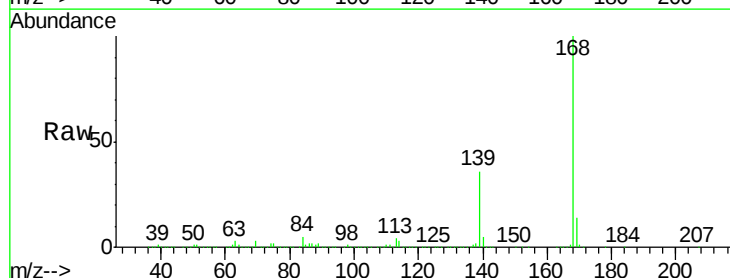
Tgt Ion:168 Resp: 3717341

Ion Ratio Lower Upper

168 100

139 35.7 34.6 52.0

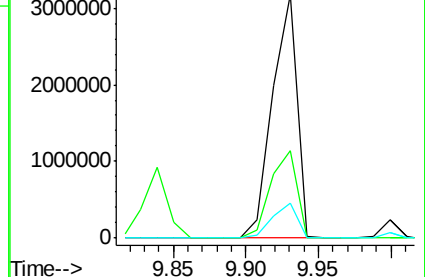
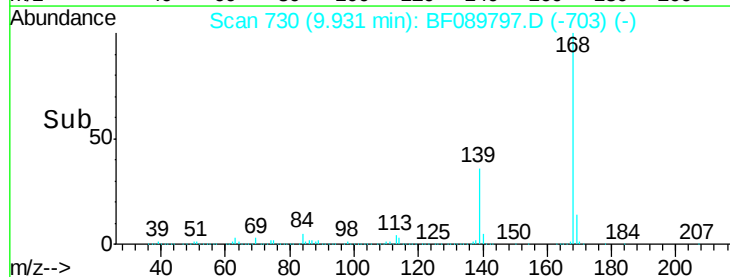
169 14.3 11.5 17.3

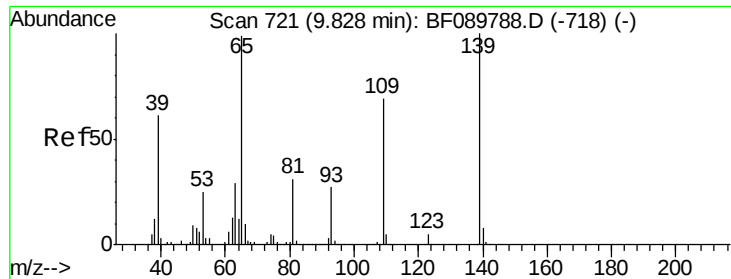


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

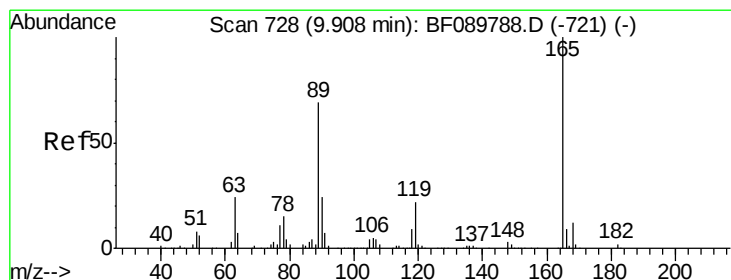
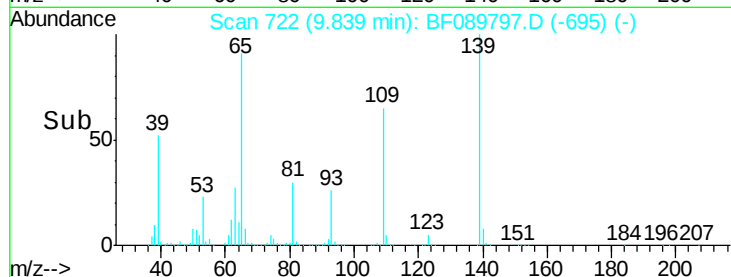
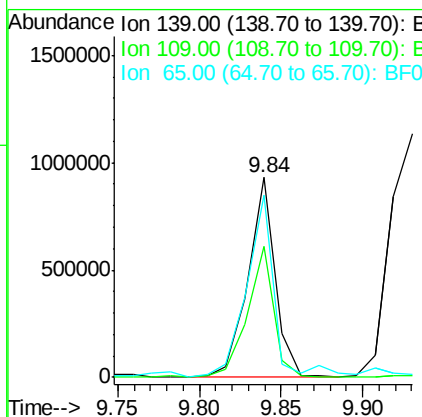
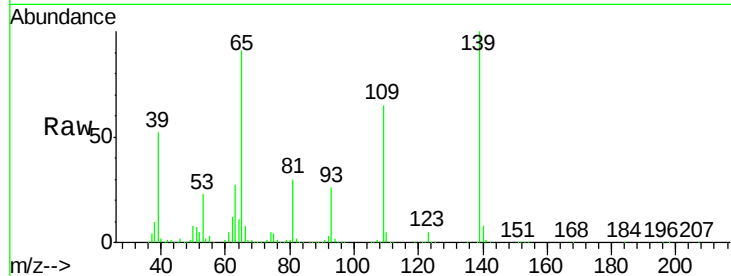




#55
4-Nitrophenol
Concen: 73.35 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.01 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

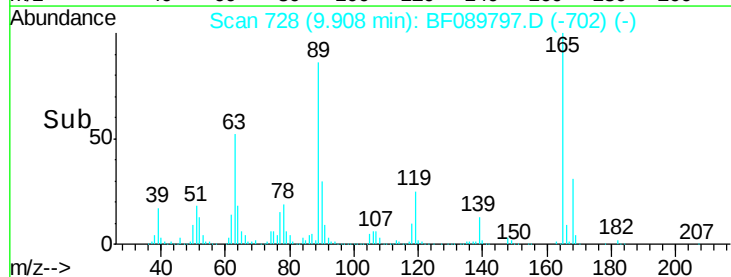
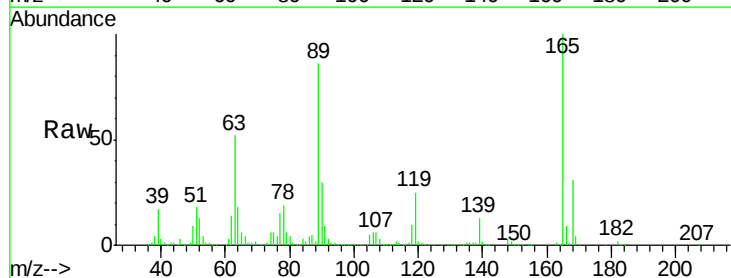
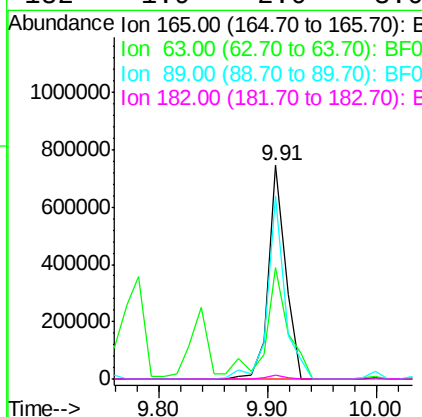
Instrument :
BNA_F
ClientSampleId :
PB92975BS

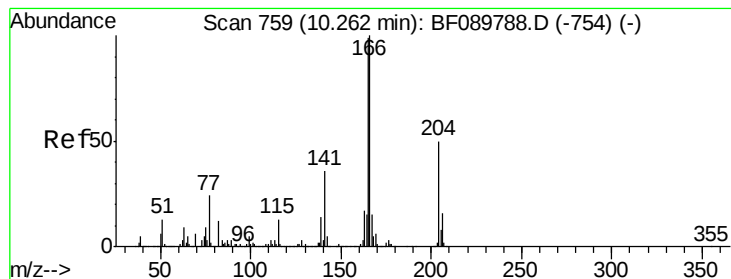
Tgt Ion:139 Resp: 1082920
Ion Ratio Lower Upper
139 100
109 65.4 43.0 83.0
65 91.1 55.7 95.7



#56
2,4-Dinitrotoluene
Concen: 38.60 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:165 Resp: 817724
Ion Ratio Lower Upper
165 100
63 52.1 23.7 35.5#
89 85.5 44.0 66.0#
182 1.9 2.0 3.0#





#57

Fluorene

Concen: 42.07 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

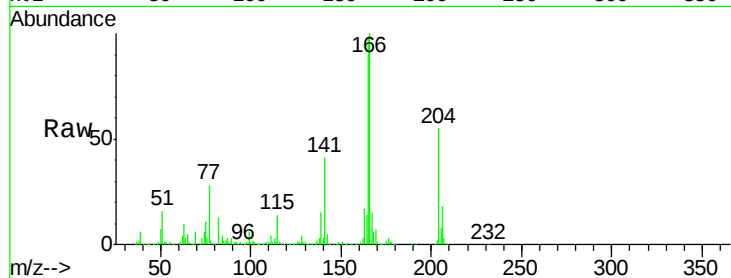
Tgt Ion:166 Resp: 2572599

Ion Ratio Lower Upper

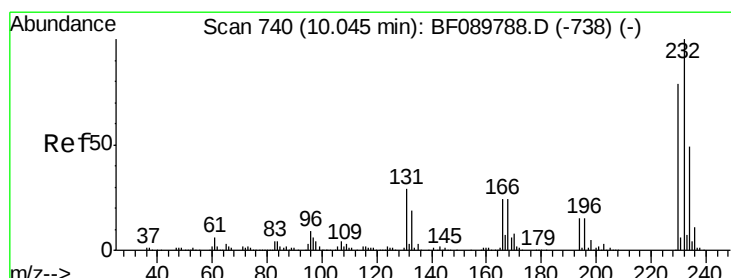
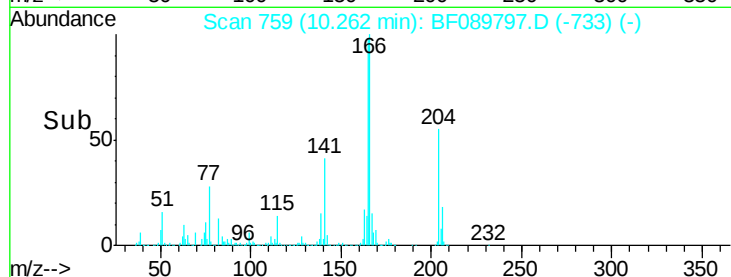
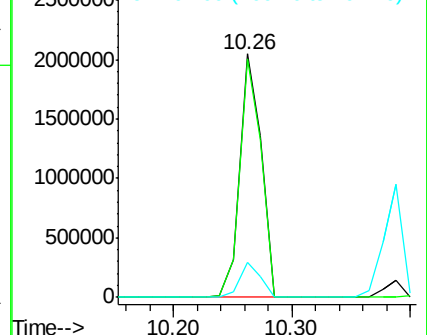
166 100

165 98.0 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: 50.92 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion:232 Resp: 754175

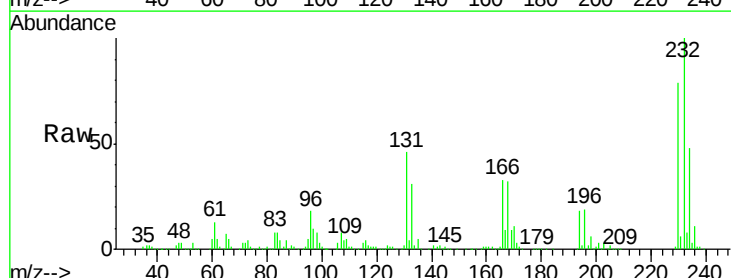
Ion Ratio Lower Upper

232 100

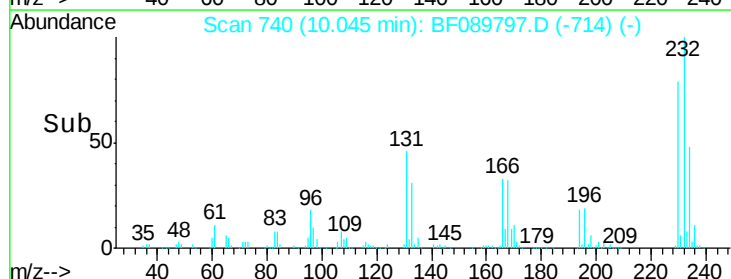
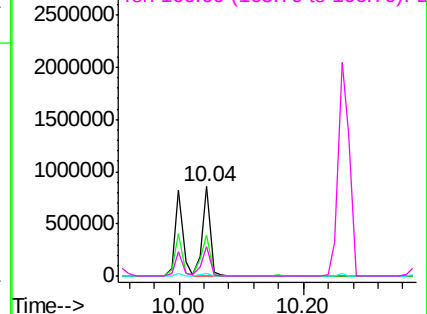
131 52.0 42.5 63.7

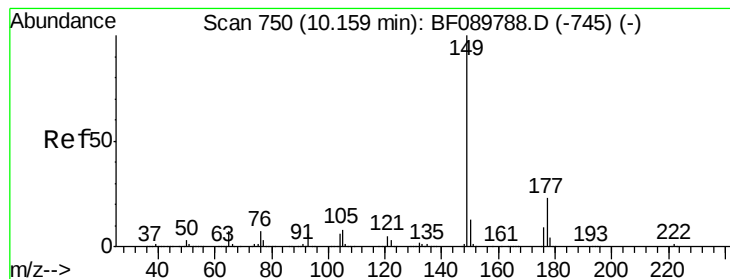
130 2.4 2.2 3.4

166 34.5 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: 43.00 ng

RT: 10.16 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

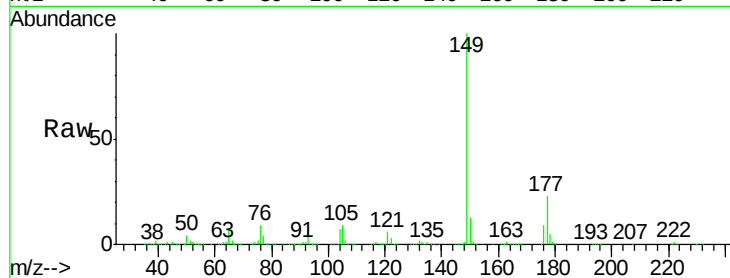
Tgt Ion:149 Resp: 3088651

Ion Ratio Lower Upper

149 100

177 23.0 16.6 25.0

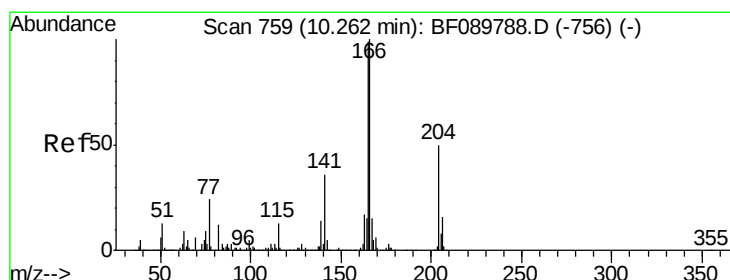
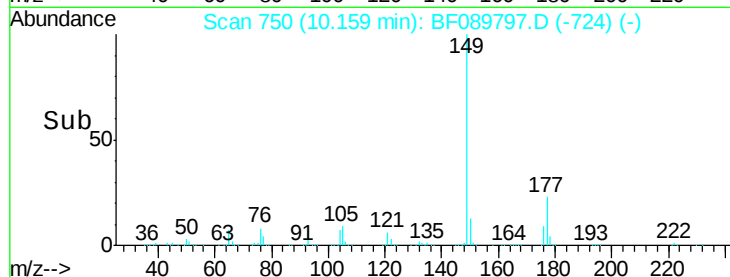
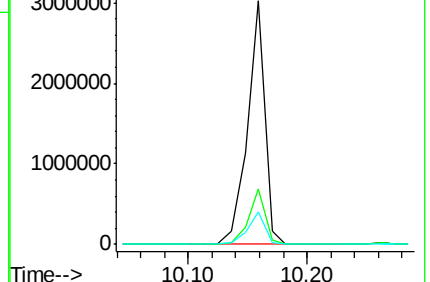
150 13.2 10.5 15.7



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: 39.11 ng

RT: 10.26 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

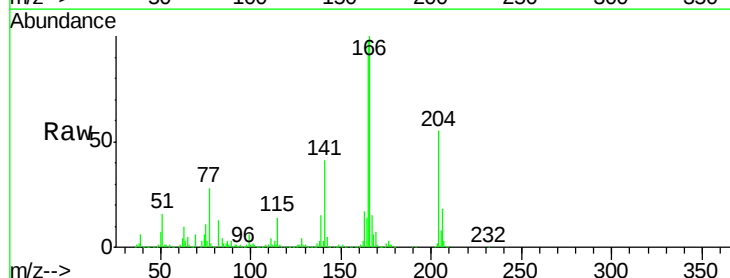
Tgt Ion:204 Resp: 1091167

Ion Ratio Lower Upper

204 100

206 33.7 26.5 39.7

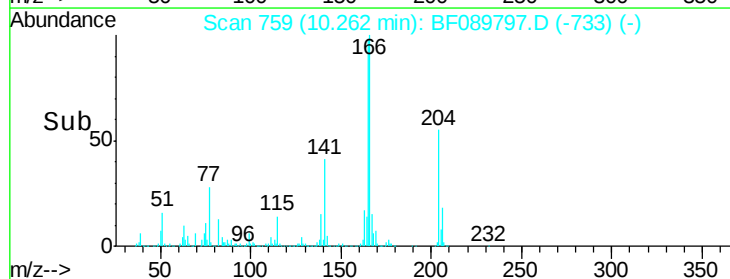
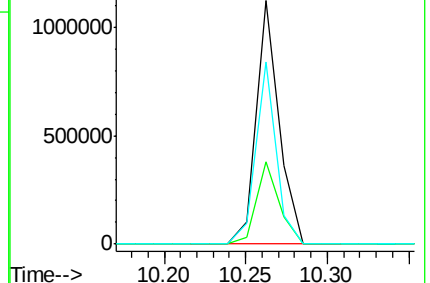
141 74.8 54.1 81.1

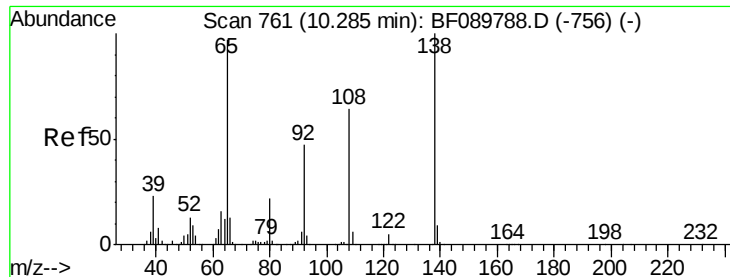


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 39.63 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

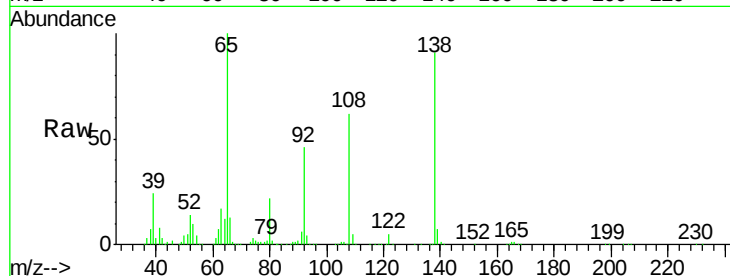
Tgt Ion:138 Resp: 671965

Ion Ratio Lower Upper

138 100

92 49.9 26.4 66.4

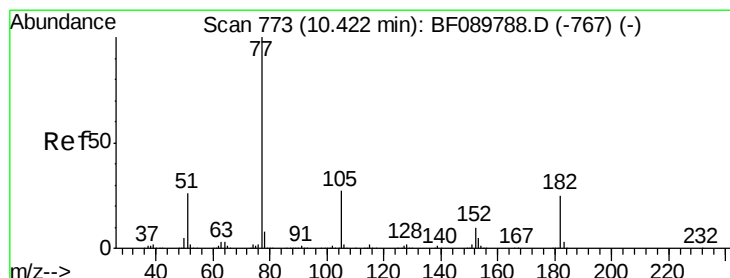
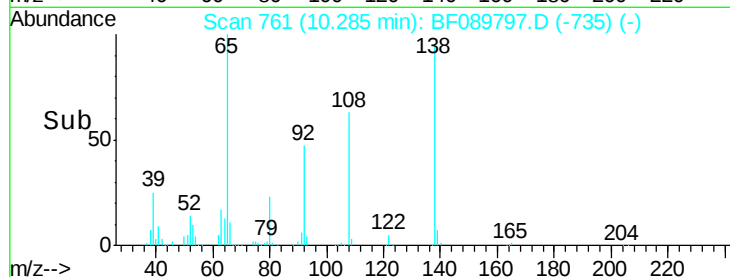
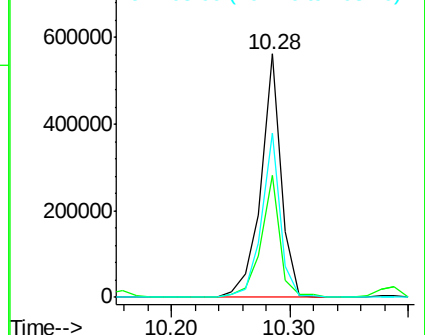
108 67.6 47.0 87.0



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: 45.77 ng

RT: 10.42 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Tgt Ion: 77 Resp: 3091316

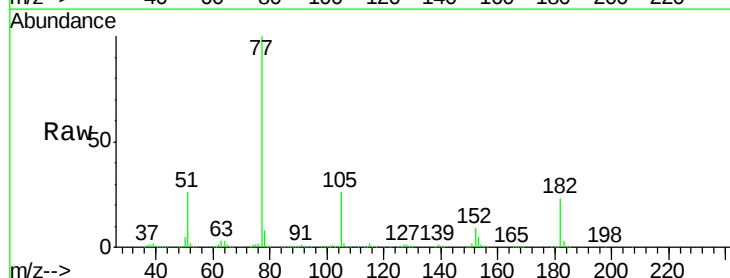
Ion Ratio Lower Upper

77 100

182 22.5 5.6 45.6

105 26.1 4.0 44.0

51 26.2 7.8 47.8

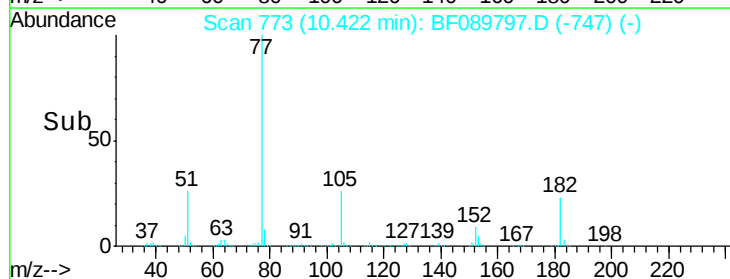
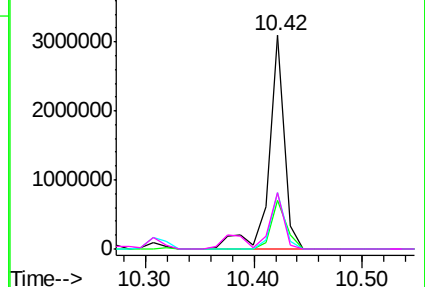


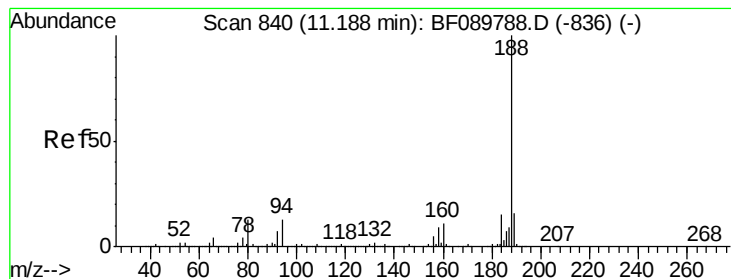
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

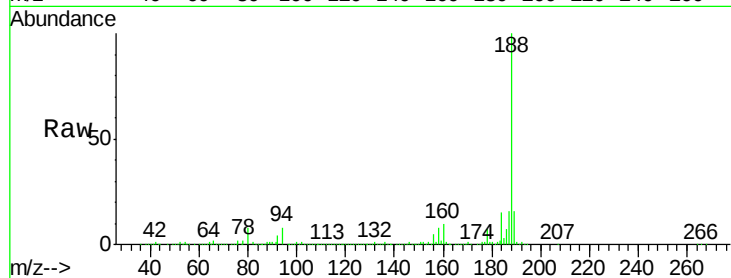
Tgt Ion:188 Resp: 1804178

Ion Ratio Lower Upper

188 100

94 7.7 10.2 15.2#

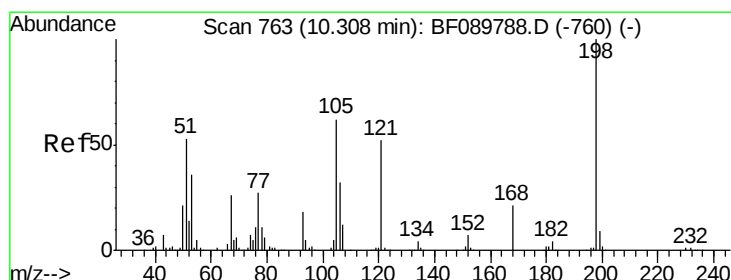
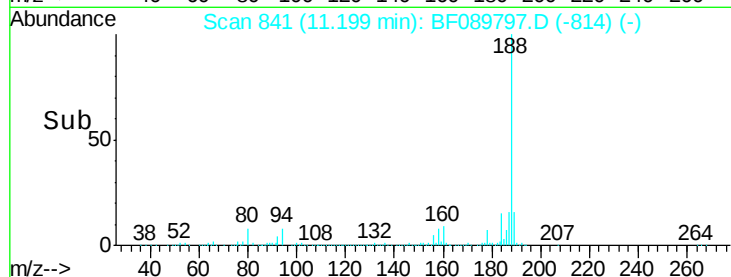
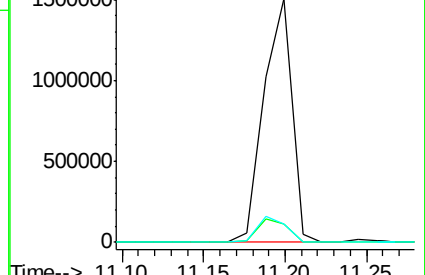
80 7.6 10.9 16.3#



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: 44.10 ng

RT: 10.32 min Scan# 764

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

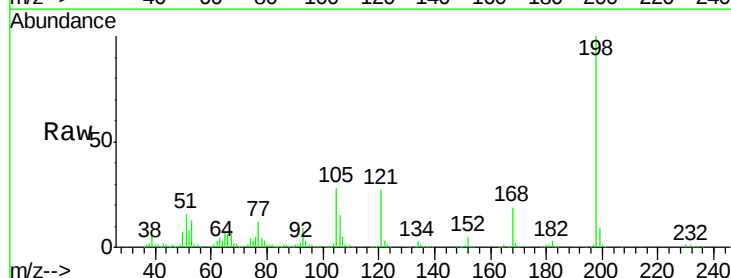
Tgt Ion:198 Resp: 457207

Ion Ratio Lower Upper

198 100

51 16.4 32.3 72.3#

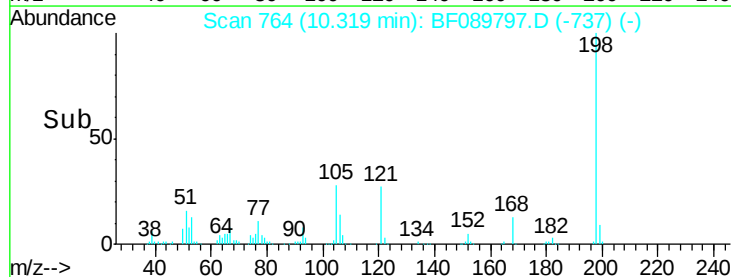
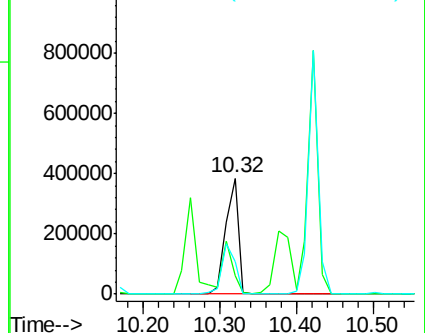
105 27.8 32.9 72.9#

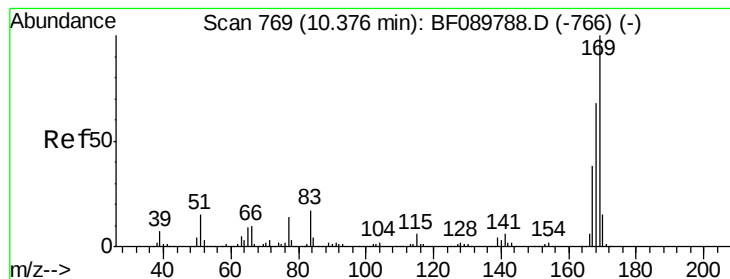


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.27 ng

RT: 10.39 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

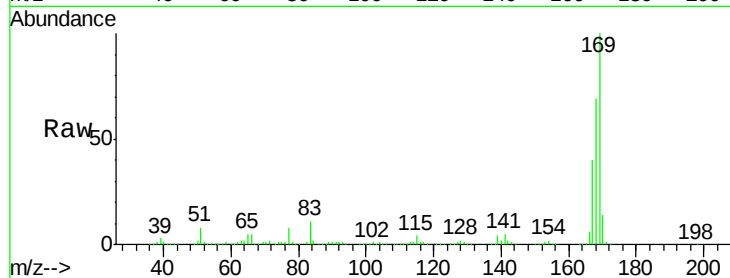
Tgt Ion:169 Resp: 2624610

Ion Ratio Lower Upper

169 100

168 69.3 54.6 82.0

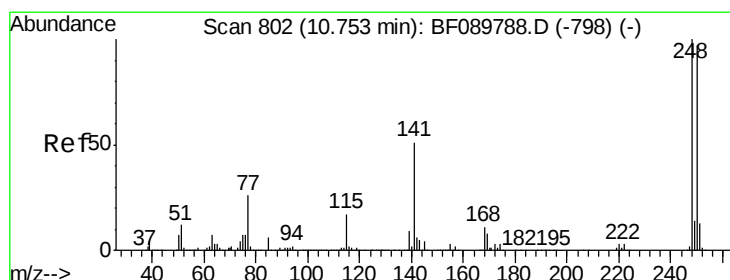
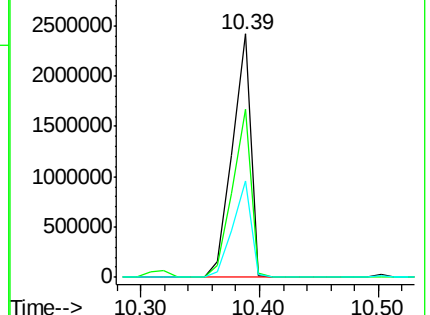
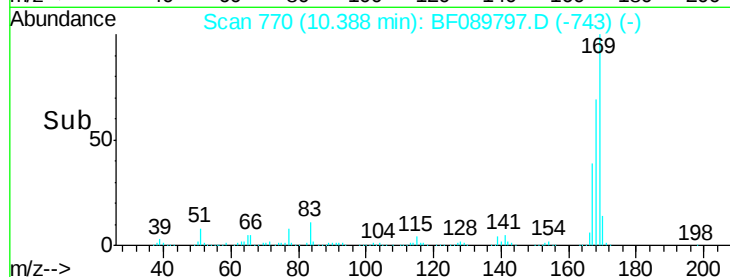
167 39.5 30.6 45.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.13 ng

RT: 10.75 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

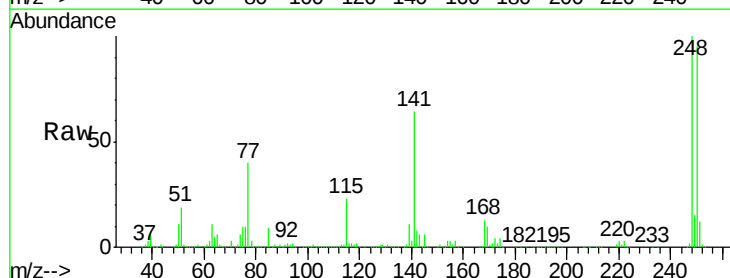
Tgt Ion:248 Resp: 834744

Ion Ratio Lower Upper

248 100

250 95.4 78.6 117.8

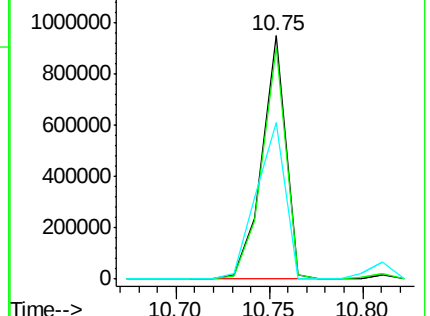
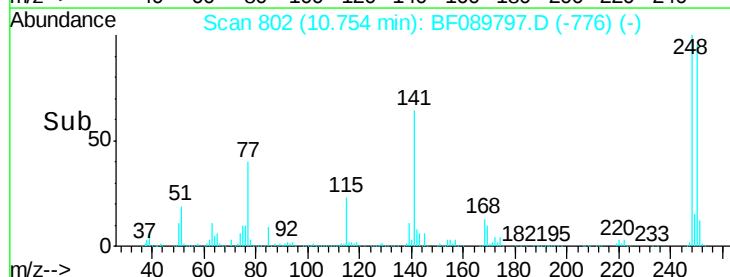
141 64.5 31.4 47.2#

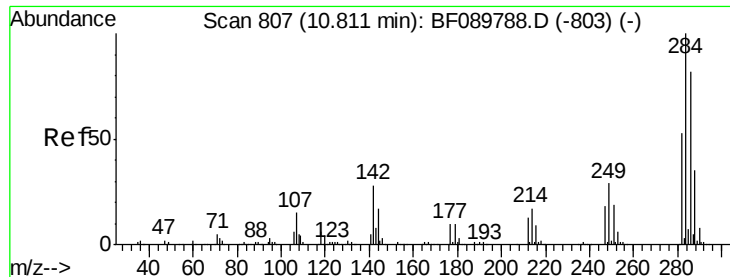


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.25 ng

RT: 10.81 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

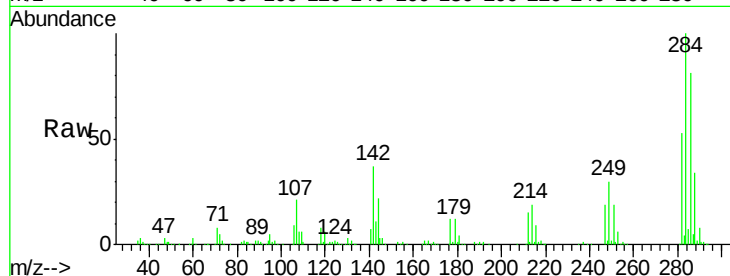
Tgt Ion:284 Resp: 868616

Ion Ratio Lower Upper

284 100

142 36.7 17.4 26.2#

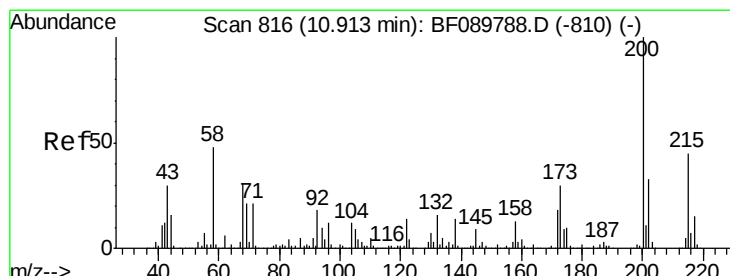
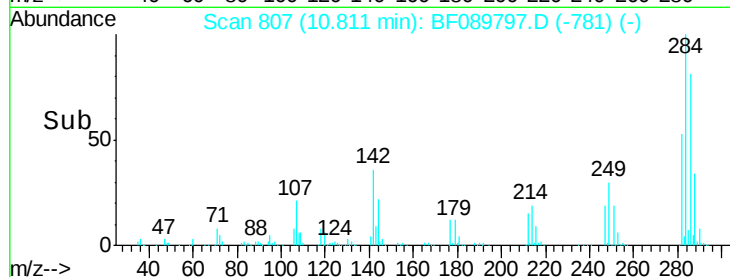
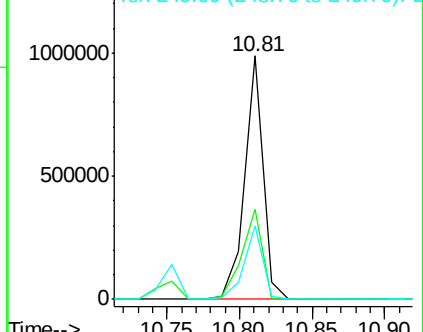
249 30.3 22.8 34.2



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: 39.09 ng

RT: 10.91 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

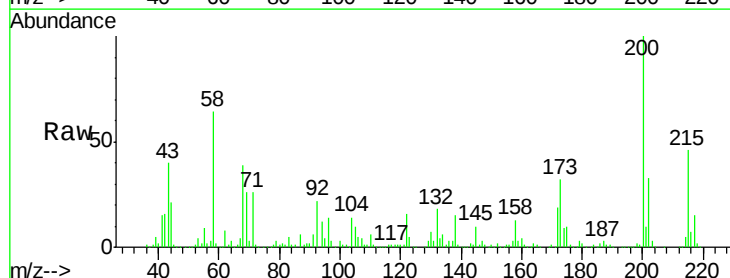
Tgt Ion:200 Resp: 679081

Ion Ratio Lower Upper

200 100

173 31.6 6.6 46.6

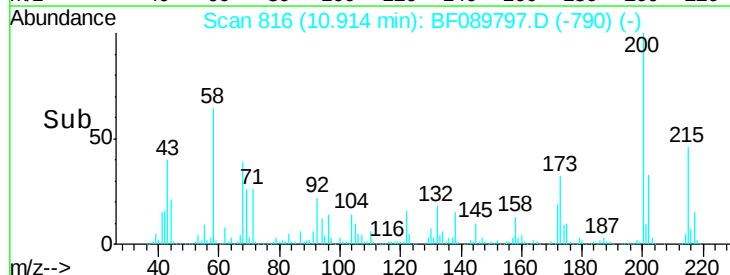
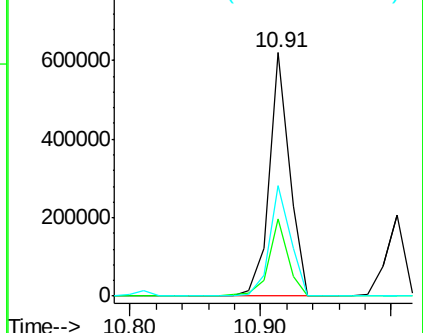
215 45.5 24.7 64.7

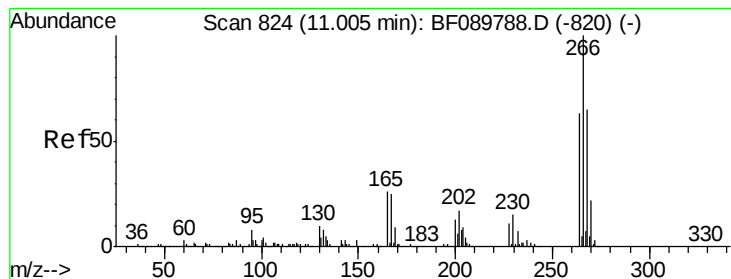


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.72 ng

RT: 11.00 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

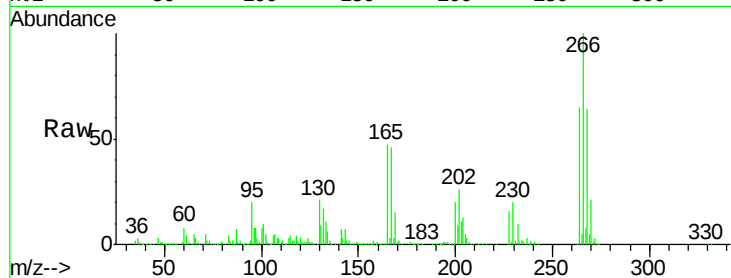
Tgt Ion:266 Resp: 1011762

Ion Ratio Lower Upper

266 100

268 64.2 53.2 79.8

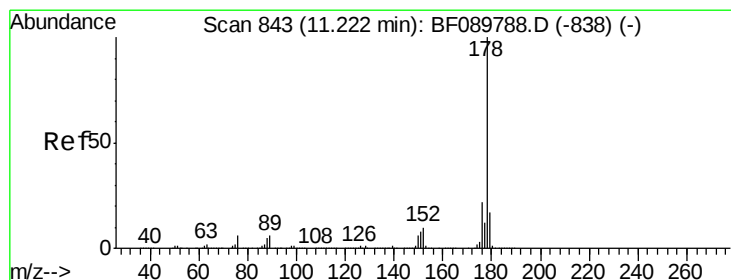
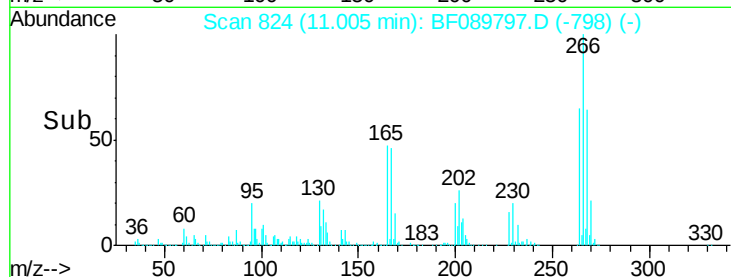
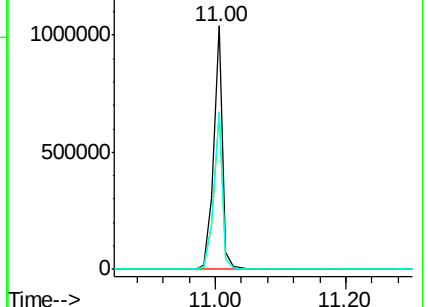
264 65.0 51.1 76.7



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: 43.51 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

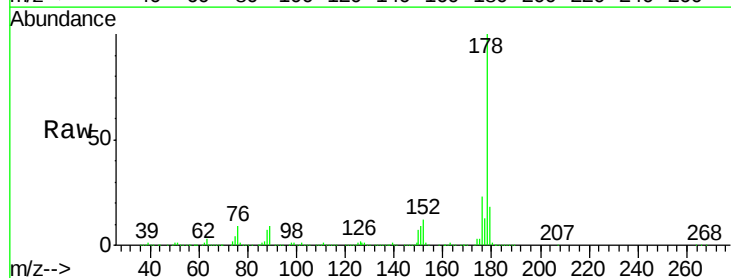
Tgt Ion:178 Resp: 3964631

Ion Ratio Lower Upper

178 100

176 22.8 16.4 24.6

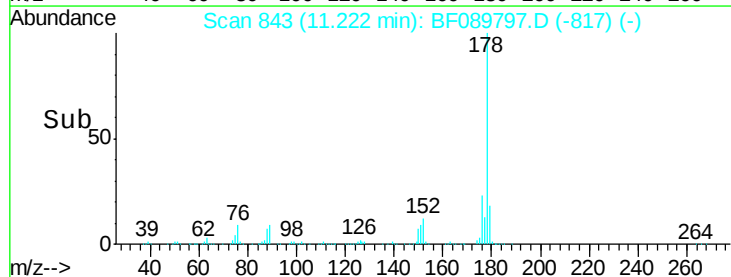
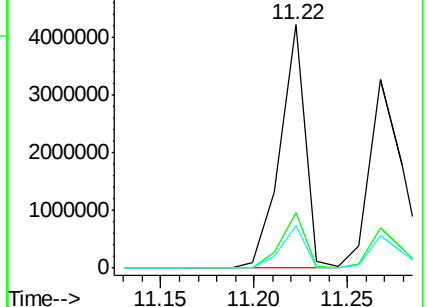
179 17.7 12.5 18.7

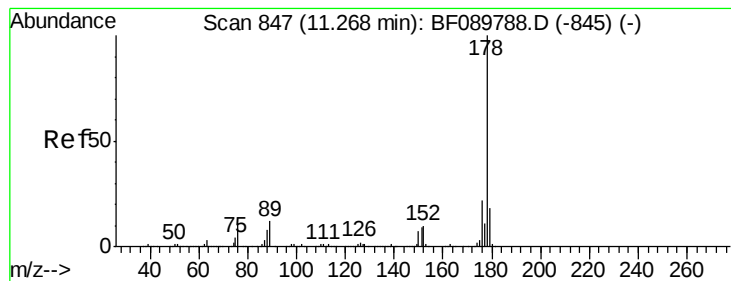


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.44 ng

RT: 11.27 min Scan# 847

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

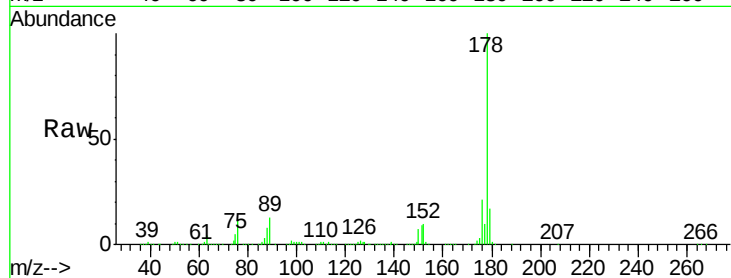
Tgt Ion:178 Resp: 3745540

Ion Ratio Lower Upper

178 100

176 20.9 16.4 24.6

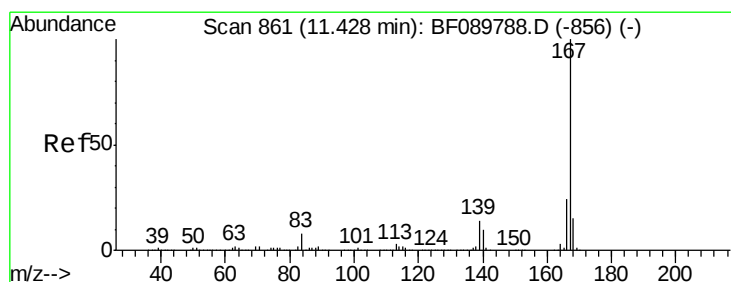
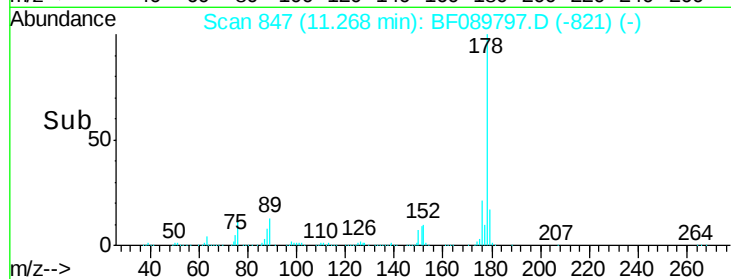
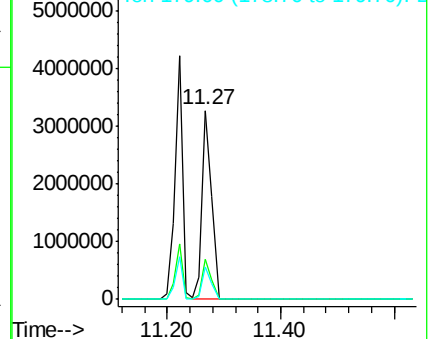
179 17.2 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.09 ng

RT: 11.43 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

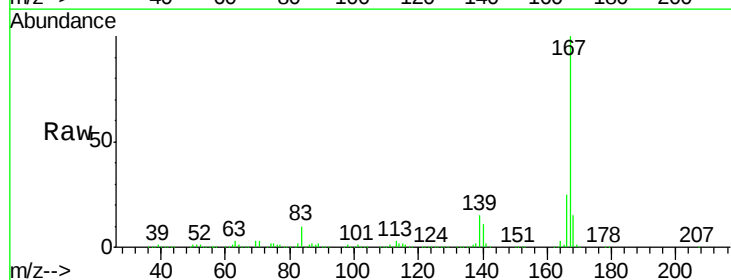
Tgt Ion:167 Resp: 3745828

Ion Ratio Lower Upper

167 100

166 24.6 17.9 26.9

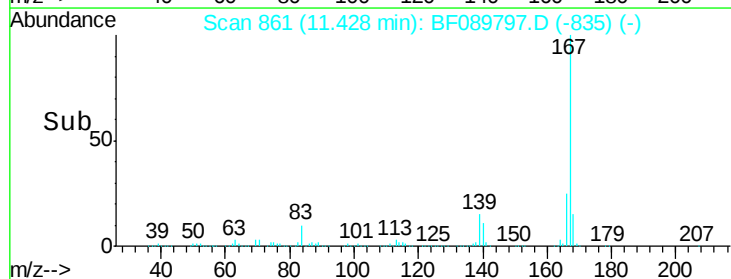
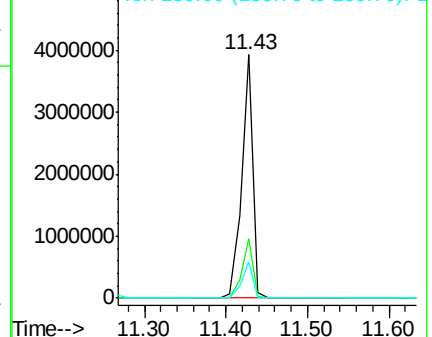
139 14.8 12.4 18.6

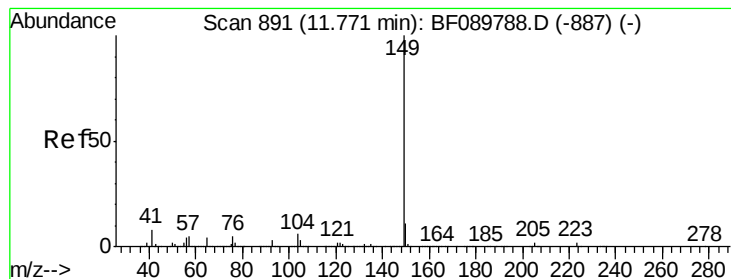


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.41 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

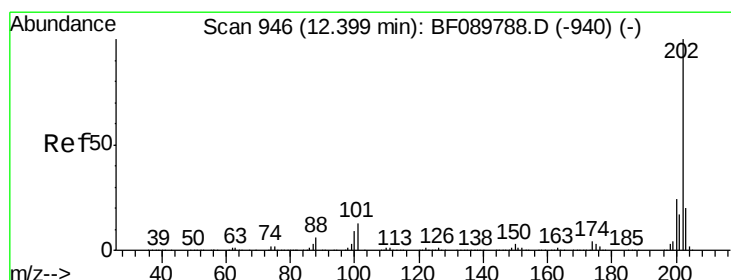
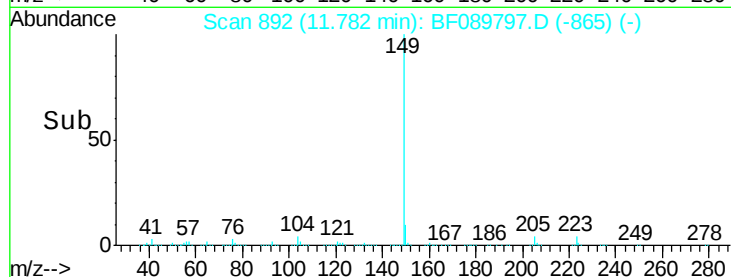
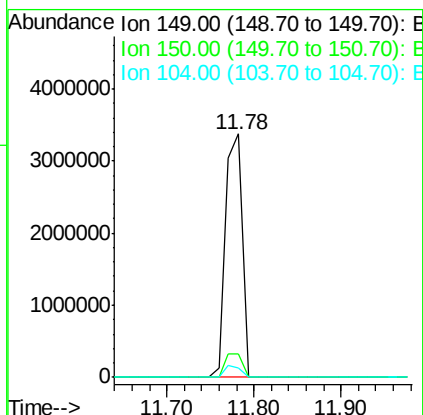
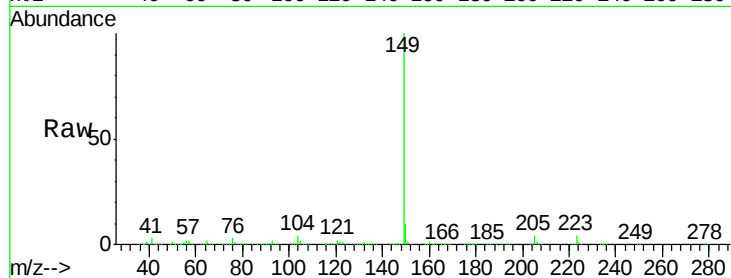
Tgt Ion:149 Resp: 4512117

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

104 3.9 4.3 6.5#



#74

Fluoranthene

Concen: 41.43 ng

RT: 12.40 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

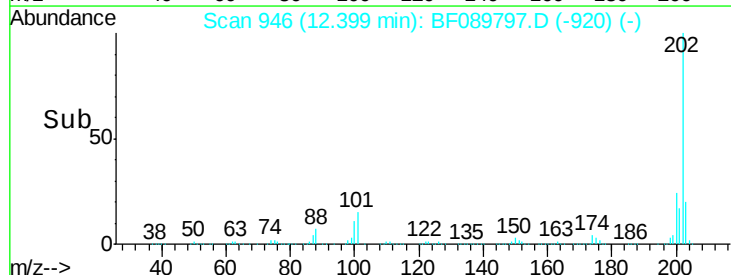
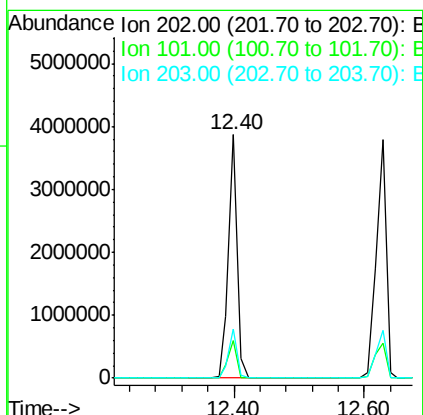
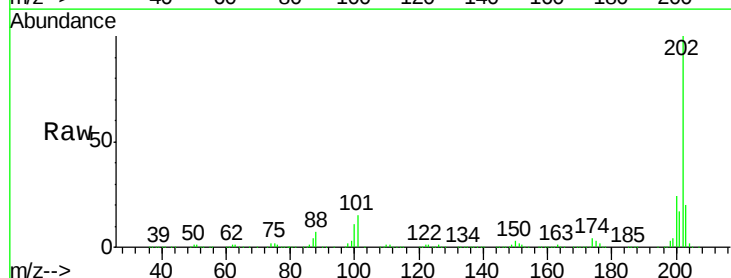
Tgt Ion:202 Resp: 3591161

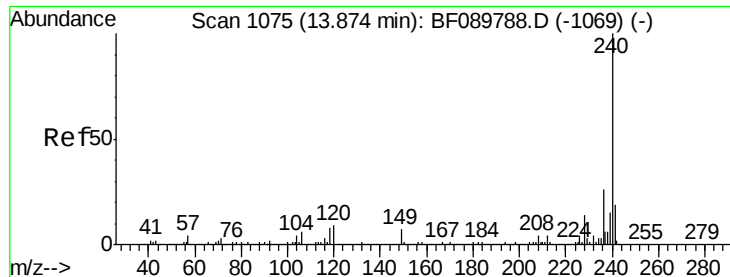
Ion Ratio Lower Upper

202 100

101 15.3 0.0 31.2

203 20.1 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1073

Delta R.T. -0.02 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

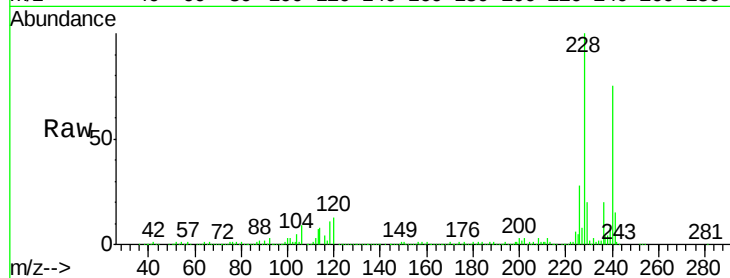
Tgt Ion:240 Resp: 1137313

Ion Ratio Lower Upper

240 100

120 18.1 8.3 12.5#

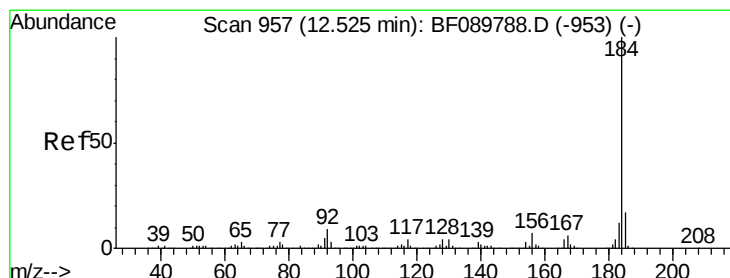
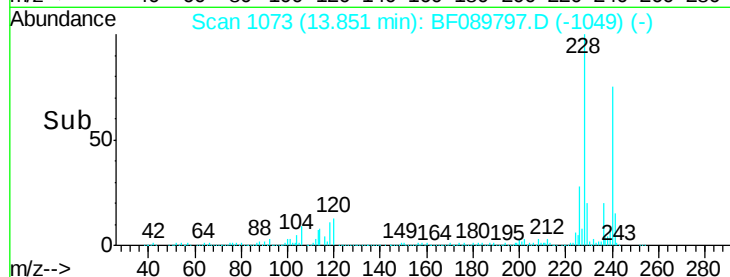
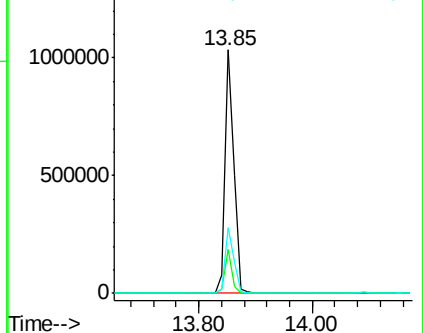
236 26.9 21.3 31.9



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: 37.44 ng

RT: 12.53 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

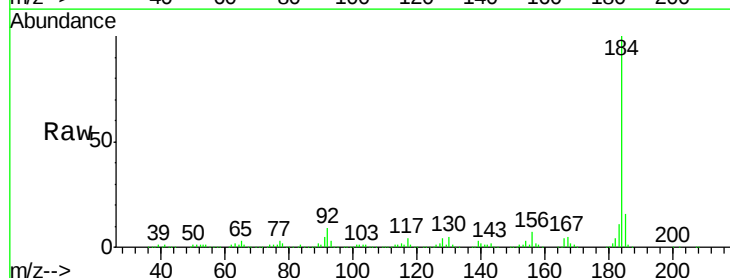
Tgt Ion:184 Resp: 1378070

Ion Ratio Lower Upper

184 100

185 16.0 13.8 20.8

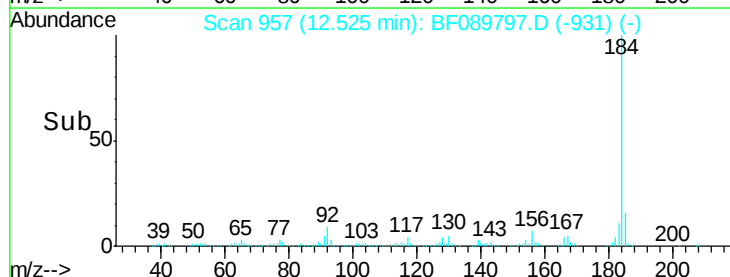
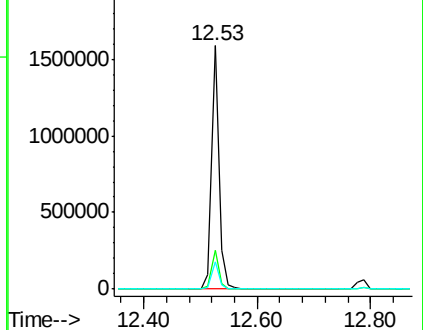
183 11.3 9.7 14.5

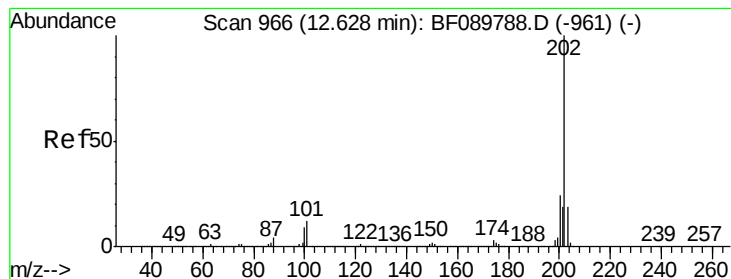


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.28 ng

RT: 12.63 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

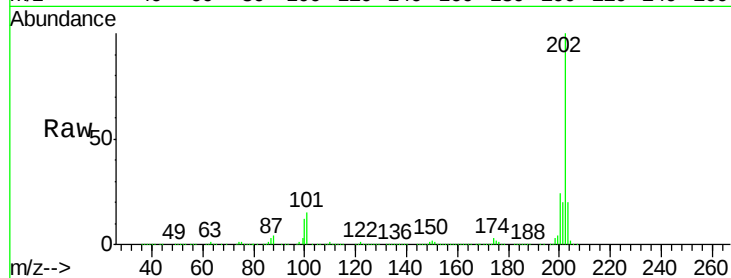
Tgt Ion:202 Resp: 3915456

Ion Ratio Lower Upper

202 100

200 24.4 17.8 26.6

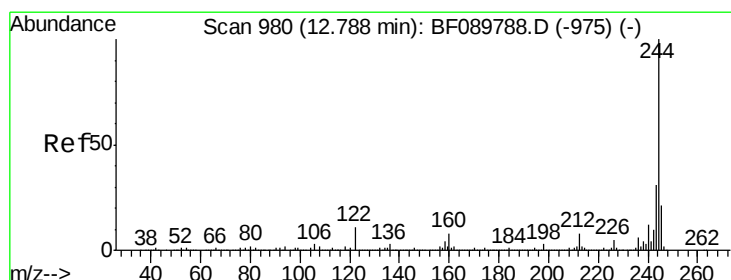
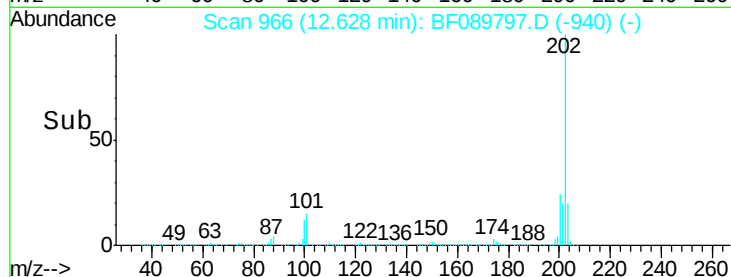
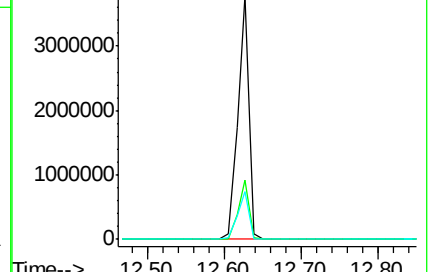
203 19.8 14.2 21.4



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: 84.40 ng

RT: 12.79 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

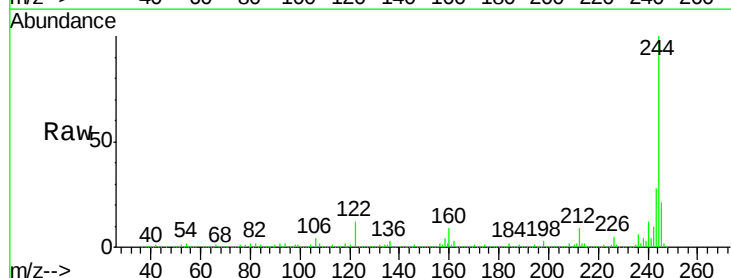
Tgt Ion:244 Resp: 4242824

Ion Ratio Lower Upper

244 100

212 8.5 6.3 9.5

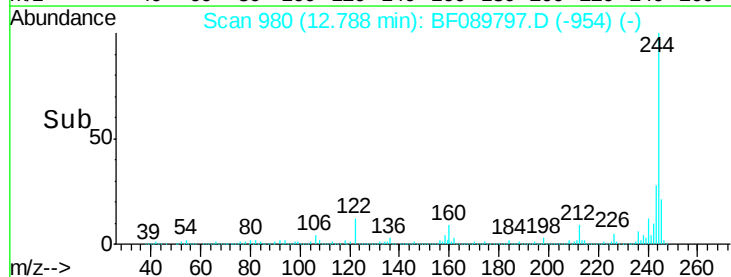
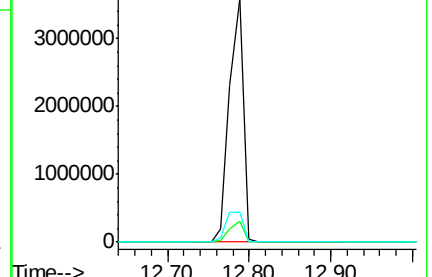
122 12.2 12.0 18.0

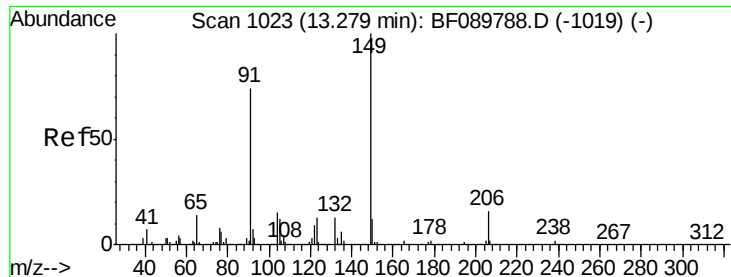


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

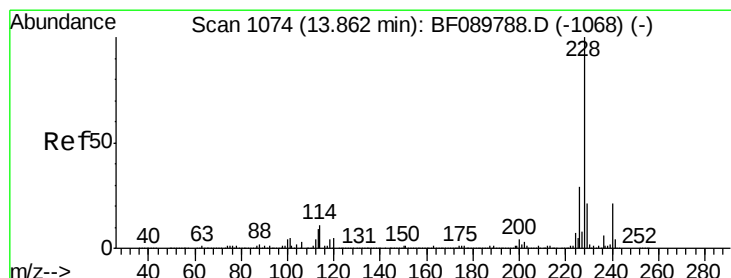
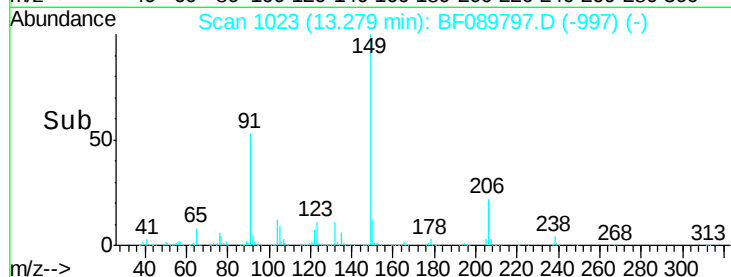
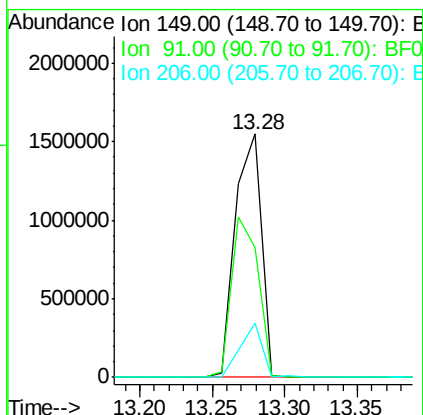
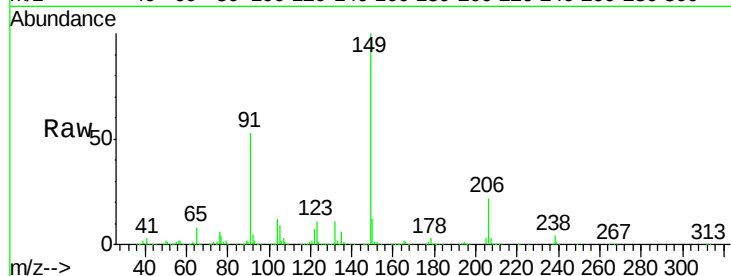




#79
Butylbenzylphthalate
Concen: 46.49 ng
RT: 13.28 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

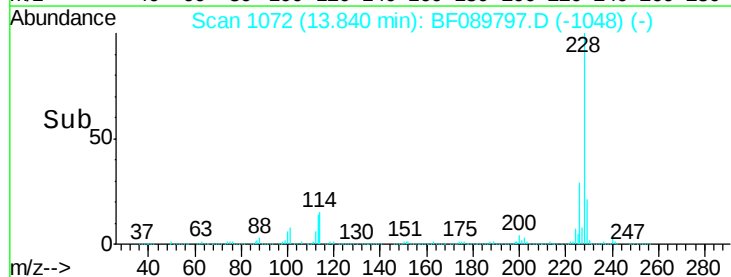
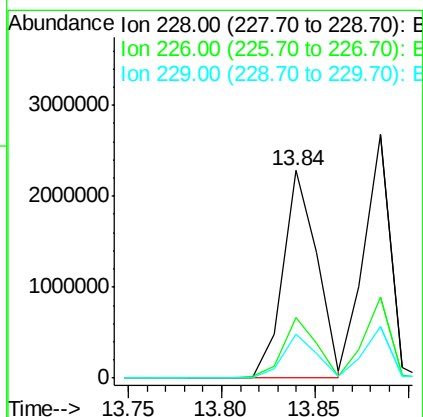
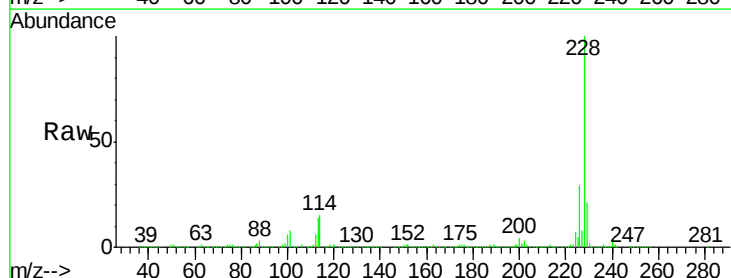
Instrument :
BNA_F
ClientSampleId :
PB92975BS

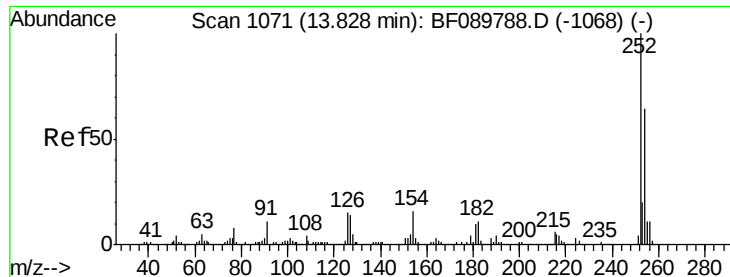
Tgt Ion:149 Resp: 1944533
Ion Ratio Lower Upper
149 100
91 53.0 50.7 76.1
206 22.1 15.5 23.3



#80
Benzo(a)anthracene
Concen: 44.72 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.02 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:228 Resp: 2912997
Ion Ratio Lower Upper
228 100
226 28.9 23.2 34.8
229 21.1 16.2 24.4

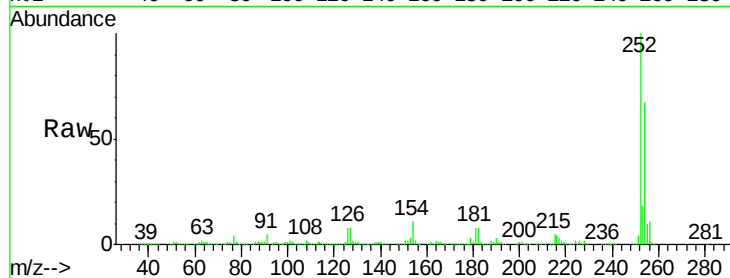




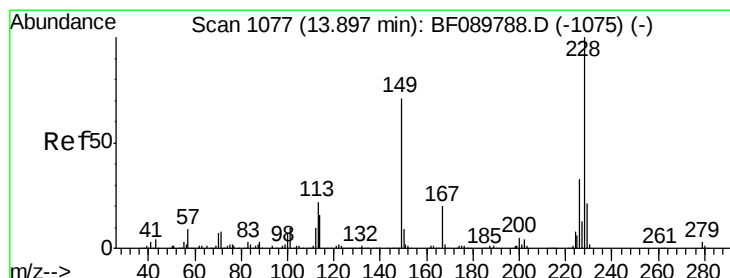
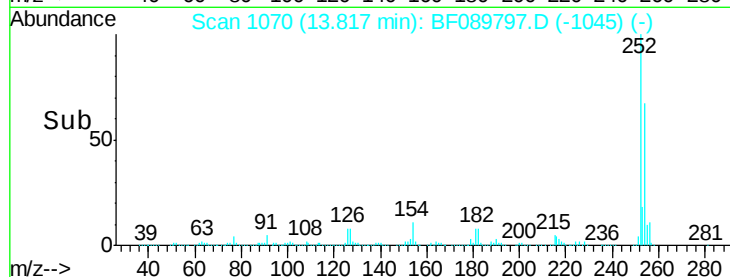
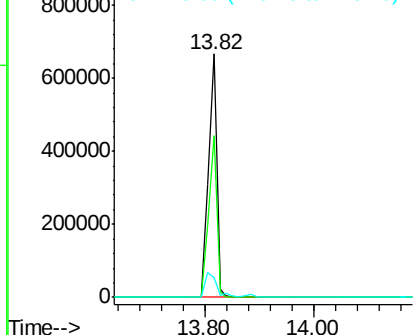
#81
 3,3'-Dichlorobenzidine
 Concen: 32.74 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

Tgt Ion:252 Resp: 699205
 Ion Ratio Lower Upper
 252 100
 254 66.7 50.6 75.8
 126 8.1 12.6 18.8#

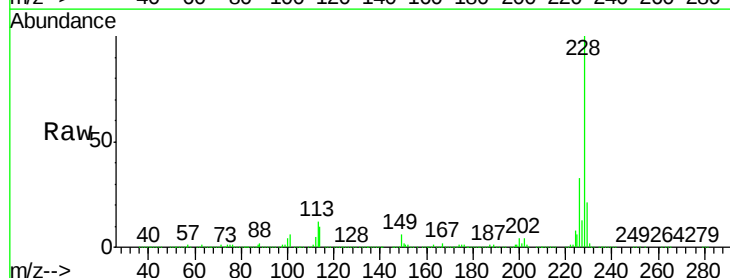


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

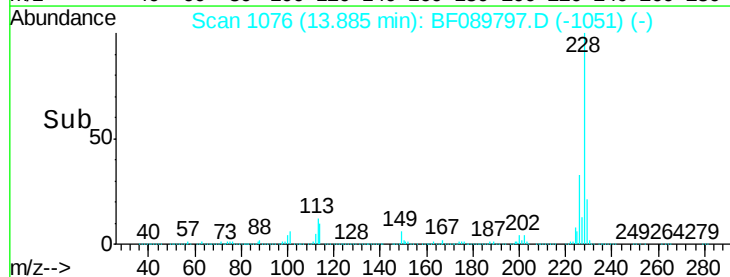
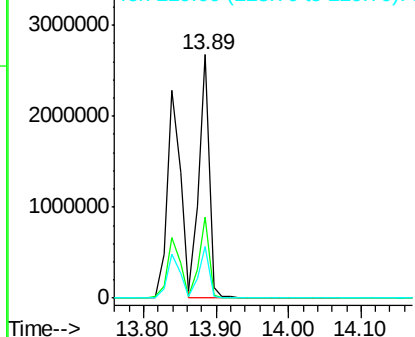


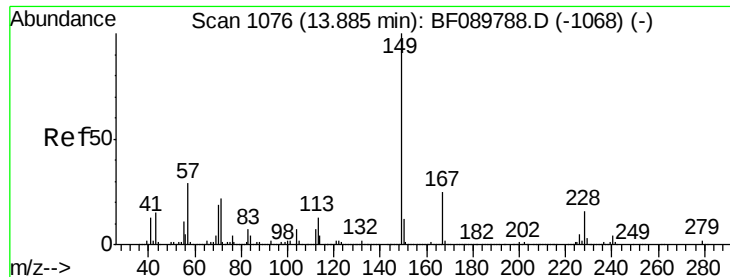
#82
 Chrysene
 Concen: 47.51 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion:228 Resp: 2653038
 Ion Ratio Lower Upper
 228 100
 226 33.1 25.4 38.0
 229 21.3 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: 44.67 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

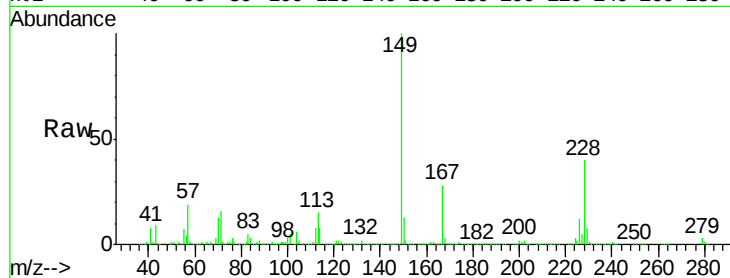
Tgt Ion:149 Resp: 2573946

Ion Ratio Lower Upper

149 100

167 28.0 21.2 31.8

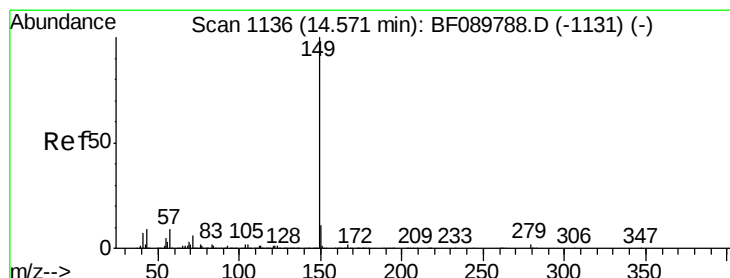
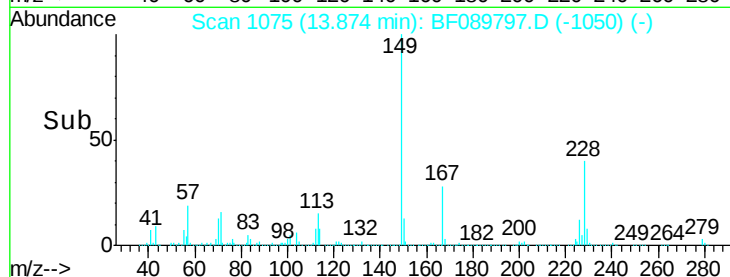
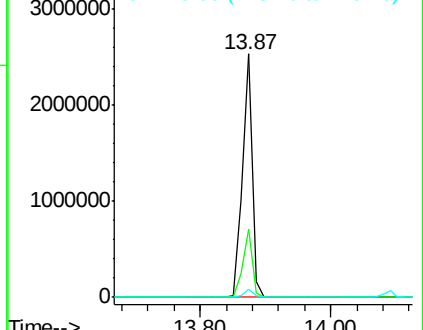
279 3.4 2.9 4.3



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: 50.10 ng

RT: 14.55 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

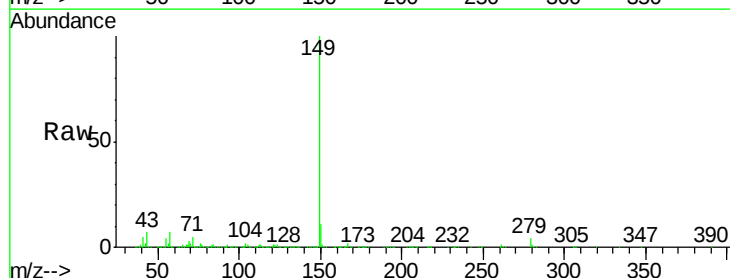
Tgt Ion:149 Resp: 3836053

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

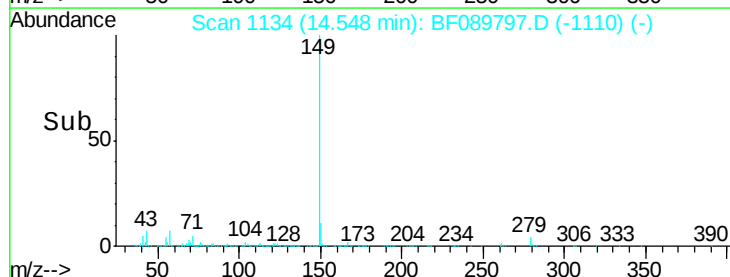
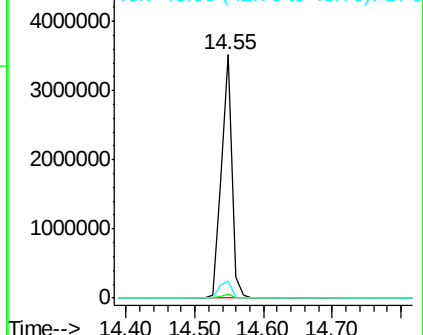
43 8.4 8.4 12.6#

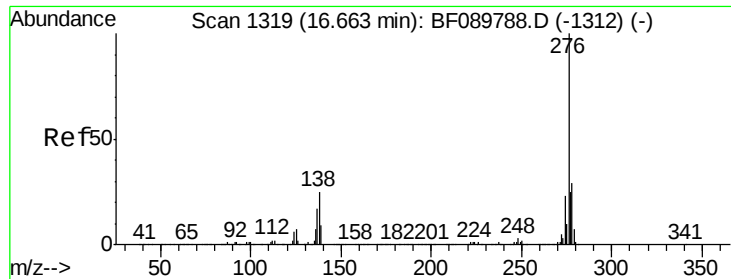


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

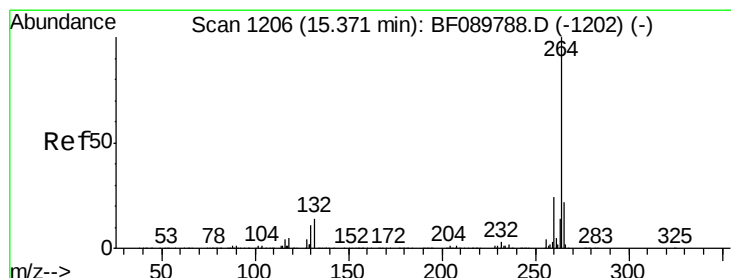
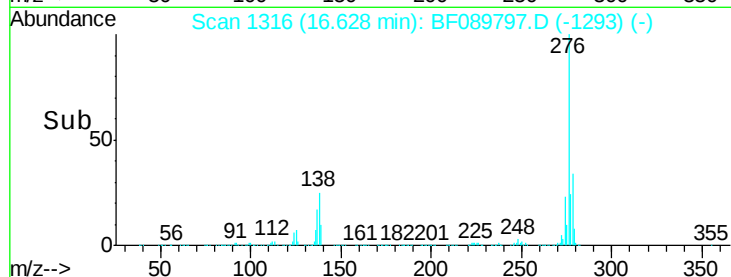
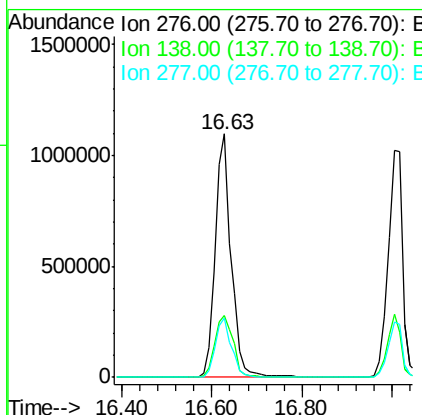
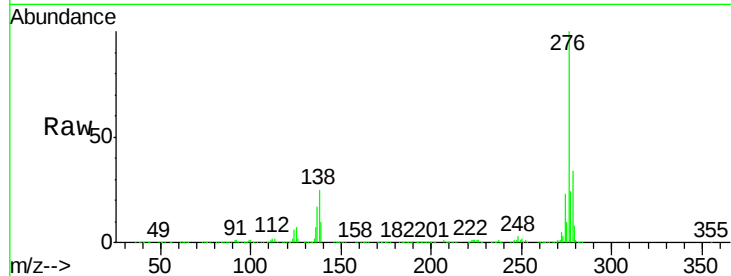




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.97 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

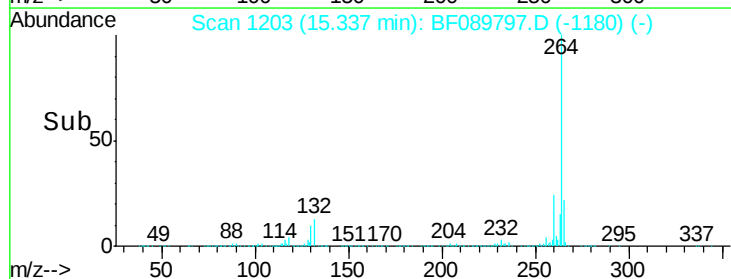
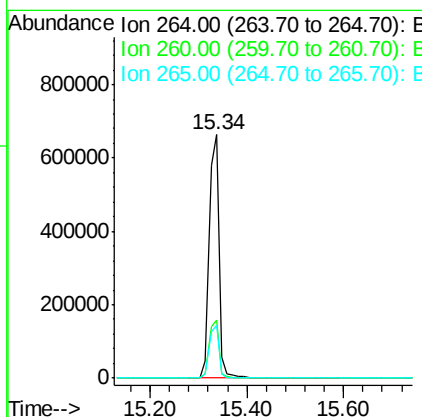
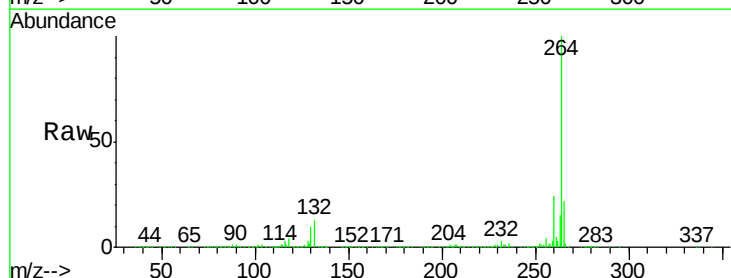
Instrument :
 BNA_F
 ClientSampleId :
 PB92975BS

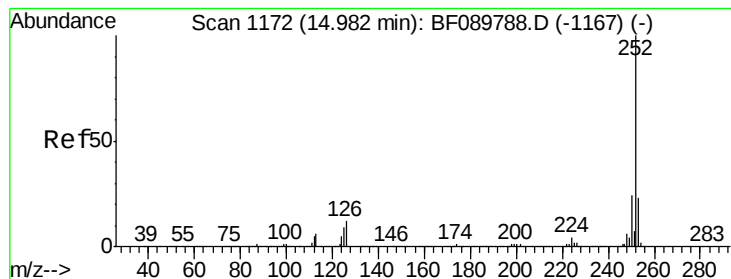
Tgt Ion: 276 Resp: 2705366
 Ion Ratio Lower Upper
 276 100
 138 29.5 24.6 36.8
 277 25.1 20.4 30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 1203
 Delta R.T. -0.03 min
 Lab File: BF089797.D
 Acq: 19 Aug 2016 16:02

Tgt Ion: 264 Resp: 952042
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 21.6 17.4 26.2





#87

Benzo(b)fluoranthene

Concen: 42.35 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.03 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

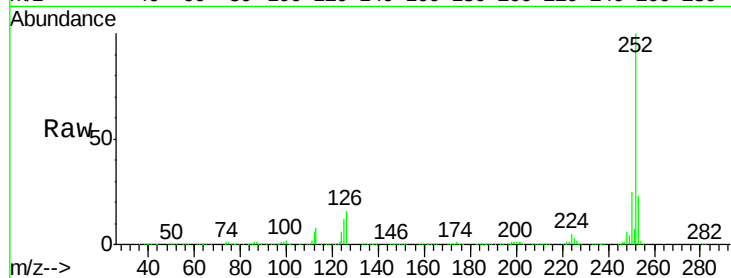
Tgt Ion:252 Resp: 2218096

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.8

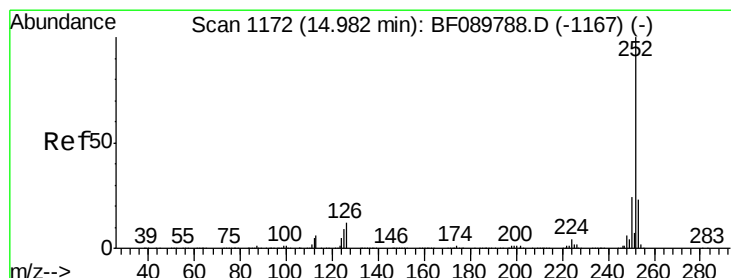
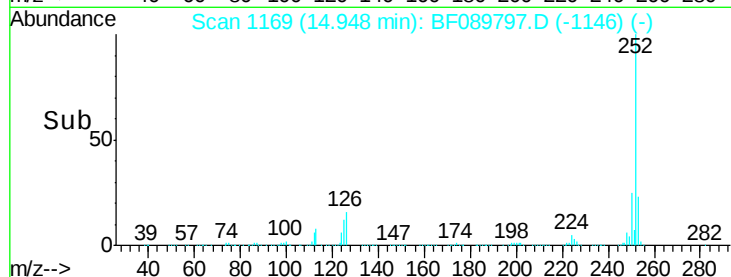
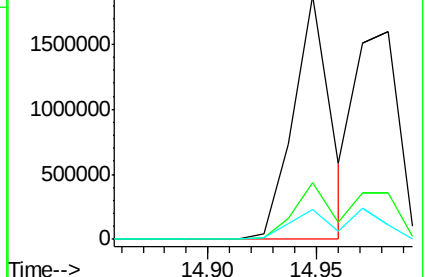
125 12.4 11.4 17.2



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



#88

Benzo(k)fluoranthene

Concen: 46.68 ng

RT: 14.95 min Scan# 1169

Delta R.T. -0.06 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

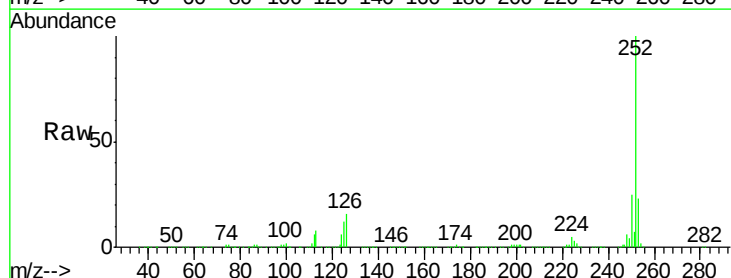
Tgt Ion:252 Resp: 2218096

Ion Ratio Lower Upper

252 100

253 23.5 18.4 27.6

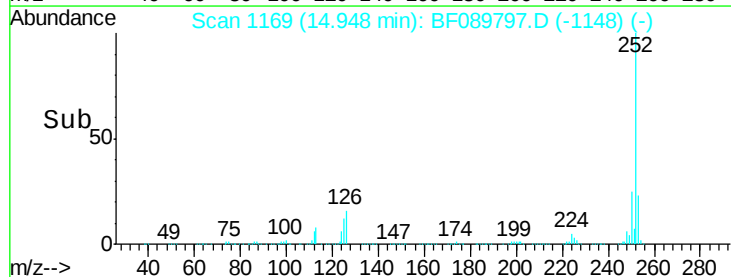
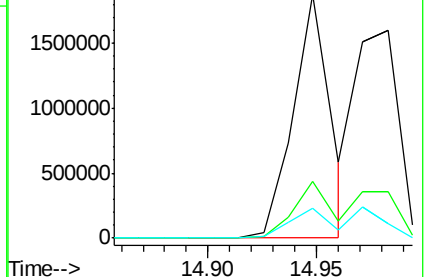
125 12.4 9.8 14.6

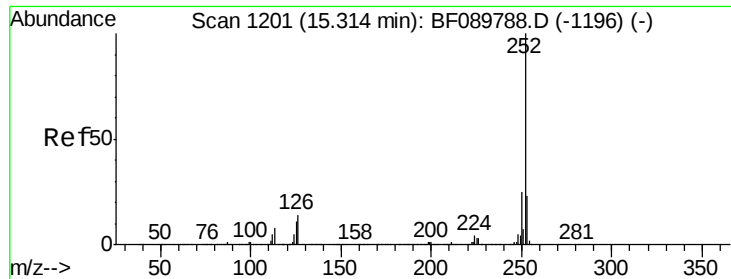


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

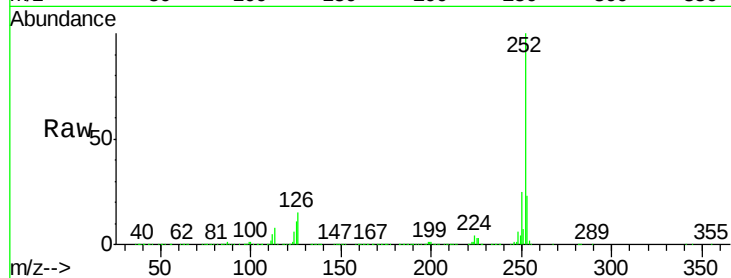




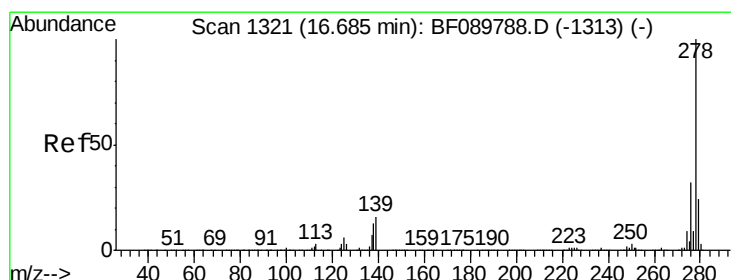
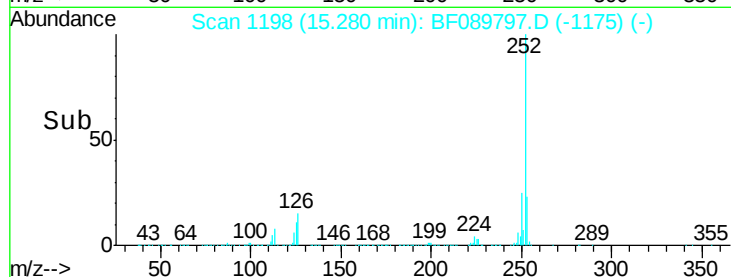
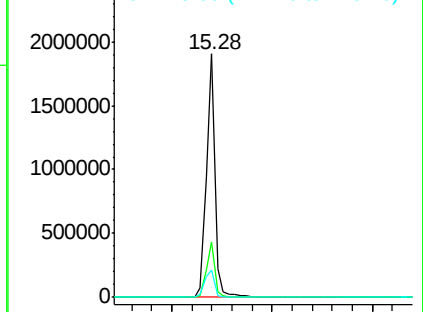
#89
Benzo(a)pyrene
Concen: 45.15 ng
RT: 15.28 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Instrument :
BNA_F
ClientSampleId :
PB92975BS

Tgt Ion:252 Resp: 2238279
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 11.2 11.7 17.5#

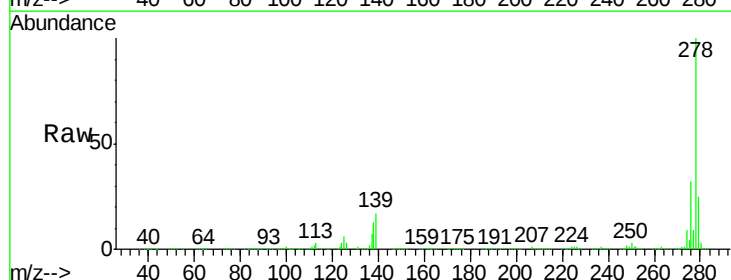


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

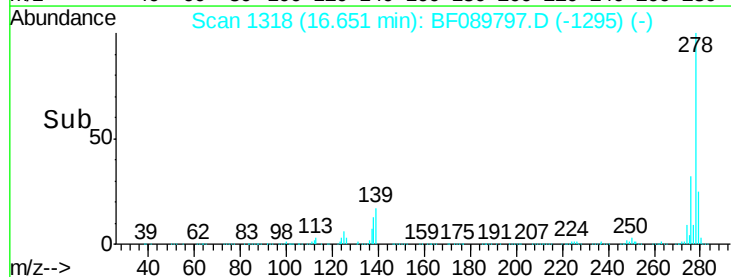
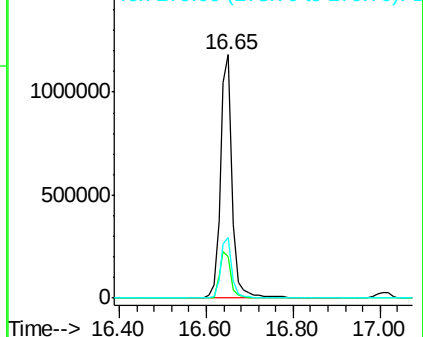


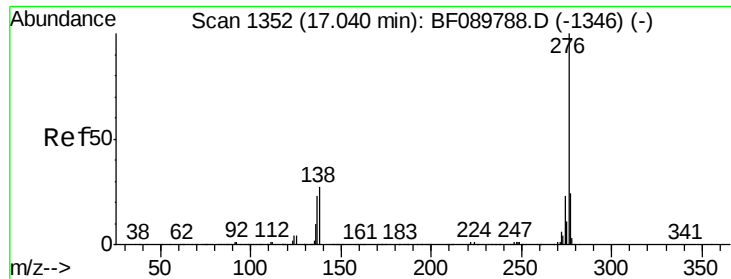
#90
Dibenzo(a,h)anthracene
Concen: 41.85 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BF089797.D
Acq: 19 Aug 2016 16:02

Tgt Ion:278 Resp: 2251649
Ion Ratio Lower Upper
278 100
139 16.7 14.9 22.3
279 24.7 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: 41.36 ng

RT: 17.01 min Scan# 1349

Delta R.T. -0.03 min

Lab File: BF089797.D

Acq: 19 Aug 2016 16:02

Instrument :

BNA_F

ClientSampleId :

PB92975BS

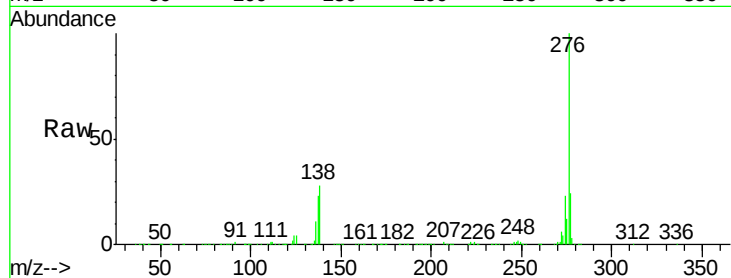
Tgt Ion:276 Resp: 2343632

Ion Ratio Lower Upper

276 100

277 24.5 19.2 28.8

138 28.0 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

