

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089726.D
 Acq On : 16 Aug 2016 15:56
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 18:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	153427	20.00	ng	0.16
21) Naphthalene-d8	7.99	136	2759351	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1280646	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2310965	20.00	ng	0.00
75) Chrysene-d12	13.89	240	2050748	20.00	ng	-0.01
86) Perylene-d12	15.39	264	1744299	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	207411	10.82	ng	-0.01
7) Phenol-d6	6.32	99	265299	11.10	ng	-0.01
23) Nitrobenzene-d5	7.26	82	238873	2.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	60400	2.38	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	469938	3.20	ng	-0.01
78) Terphenyl-d14	12.80	244	469712	3.26	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.20	88	61588	12.36	ng	# 82
3) Pyridine	2.88	79	125154	10.09	ng	94
4) n-Nitrosodimethylamine	2.81	42	50878	9.78	ng	# 91
6) Aniline	6.35	93	172226	10.43	ng	96
8) 2-Chlorophenol	6.47	128	118505	11.20	ng	97
9) Benzaldehyde	6.24	77	82129	10.17	ng	81
10) Phenol	6.33	94	171891	11.97	ng	79
11) bis(2-Chloroethyl)ether	6.43	93	125469	11.95	ng	96
12) 1,3-Dichlorobenzene	6.87	146	135447	11.83	ng	98
13) 1,4-Dichlorobenzene	6.87	146	135447	11.76	ng	99
14) 1,2-Dichlorobenzene	6.87	146	135447	12.30	ng	95
15) Benzyl Alcohol	6.83	79	82317	9.59	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.98	45	163384	12.18	ng	98
17) 2-Methylphenol	6.95	107	85703	9.72	ng	97
18) Hexachloroethane	7.21	117	41285	9.58	ng	# 78
19) n-Nitroso-di-n-propylamine	7.26	70	29808	3.83	ng	# 81
20) 3+4-Methylphenols	7.11	107	125963	11.62	ng	98
22) Acetophenone	7.11	105	180652	2.75	ng	# 95
24) Nitrobenzene	7.28	77	129644	2.65	ng	95
25) Isophorone	7.52	82	231569	2.54	ng	98
26) 2-Nitrophenol	7.60	139	47199	2.08	ng	# 79
27) 2,4-Dimethylphenol	7.64	122	117114	2.60	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	136402	2.36	ng	97
29) 2,4-Dichlorophenol	7.84	162	92111	2.40	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	108197	2.68	ng	95
31) Naphthalene	8.01	128	346605	2.79	ng	97
32) Benzoic acid	7.69	122	43405	1.50	ng	95
33) 4-Chloroaniline	8.06	127	155281	2.61	ng	# 90
34) Hexachlorobutadiene	8.14	225	60113	2.92	ng	97
35) Caprolactam	8.38	113	23633	2.00	ng	97
36) 4-Chloro-3-methylphenol	8.54	107	99448	2.49	ng	98
37) 2-Methylnaphthalene	8.80	142	222204	2.59	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	116953	3.27	ng	96
40) Hexachlorocyclopentadiene	8.86	237	41021	2.07	ng	99

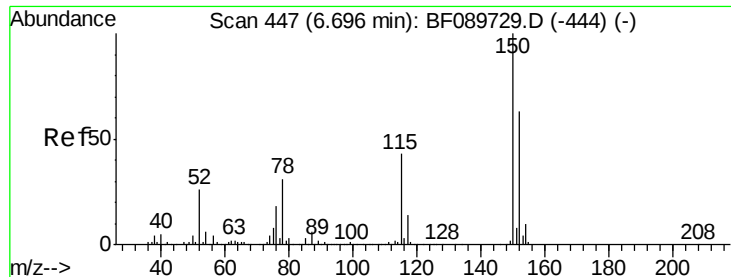
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089726.D
 Acq On : 16 Aug 2016 15:56
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 18:35:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	58131	2.26	nq	94
43) 2,4,5-Trichlorophenol	9.00	196	64941	2.65	nq	# 90
45) 1,1'-Biphenyl	9.16	154	311086	2.93	nq	94
46) 2-Chloronaphthalene	9.19	162	211774	2.75	nq	# 89
47) 2-Nitroaniline	9.28	65	46906	1.89	nq	# 69
48) Acenaphthylene	9.60	152	327620	2.71	nq	97
49) Dimethylphthalate	9.46	163	269267	3.00	nq	98
50) 2,6-Dinitrotoluene	9.52	165	50737	2.55	nq	94
51) Acenaphthene	9.77	154	224484	2.83	nq	99
52) 3-Nitroaniline	9.68	138	55793	2.16	nq	# 92
53) 2,4-Dinitrophenol	9.78	184	7792	1.10	nq	# 49
54) Dibenzofuran	9.94	168	294397	2.62	nq	89
55) 4-Nitrophenol	9.83	139	32835	1.67	nq	# 52
56) 2,4-Dinitrotoluene	9.92	165	56927	2.22	nq	96
57) Fluorene	10.28	166	235598	2.92	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	49390	2.34	nq	96
59) Diethylphthalate	10.17	149	237233	2.59	nq	95
60) 4-Chlorophenyl-phenylether	10.28	204	116944	3.29	nq	# 87
61) 4-Nitroaniline	10.28	138	55348	2.43	nq	95
62) Azobenzene	10.43	77	236824	2.38	nq	91
64) 4,6-Dinitro-2-methylphenol	10.32	198	15839	1.28	nq	88
65) n-Nitrosodiphenylamine	10.39	169	191082	2.56	nq	99
66) 4-Bromophenyl-phenylether	10.76	248	66193	2.80	nq	# 72
67) Hexachlorobenzene	10.82	284	74933	2.82	nq	# 76
68) Atrazine	10.92	200	56197	2.56	nq	97
69) Pentachlorophenol	11.02	266	32466	2.03	nq	94
70) Phenanthrene	11.23	178	392125	3.42	nq	99
71) Anthracene	11.28	178	349720	2.92	nq	98
72) Carbazole	11.44	167	341291	2.99	nq	97
73) Di-n-butylphthalate	11.79	149	378109	2.87	nq	98
74) Fluoranthene	12.41	202	332551	2.75	nq	93
76) Benzidine	12.55	184	163431	2.33	nq	98
77) Pyrene	12.64	202	370671	2.82	nq	97
79) Butylbenzylphthalate	13.30	149	111063	1.85	nq	98
80) Benzo(a)anthracene	13.87	228	310605	2.64	nq	97
81) 3,3'-Dichlorobenzidine	13.84	252	89343	2.07	nq	97
82) Chrysene	13.91	228	313019	2.96	nq	96
83) Bis(2-ethylhexyl)phthalate	13.91	149	190781	2.26	nq	# 99
84) Di-n-octyl phthalate	14.59	149	214322	1.69	nq	99
85) Indeno(1,2,3-cd)pyrene	16.69	276	190537	2.10	nq	97
87) Benzo(b)fluoranthene	14.99	252	256740	2.38	nq	# 93
88) Benzo(k)fluoranthene	14.99	252	256740	2.97	nq	# 94
89) Benzo(a)pyrene	15.33	252	212411	2.35	nq	# 96
90) Dibenzo(a,h)anthracene	16.71	278	157485	2.21	nq	98
91) Benzo(g,h,i)perylene	17.06	276	170422	2.36	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 461

Delta R.T. 0.16 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

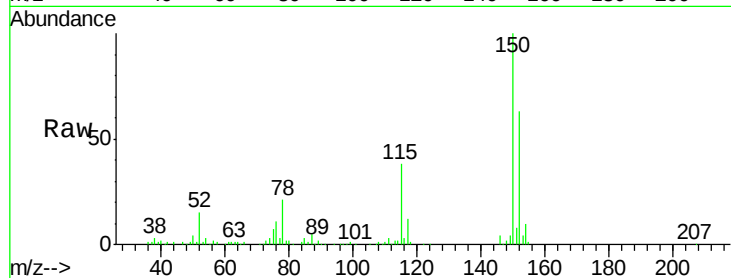
Tot Ion:152 Resp: 153427

Ion Ratio Lower Upper

152 100

150 157.6 125.3 187.9

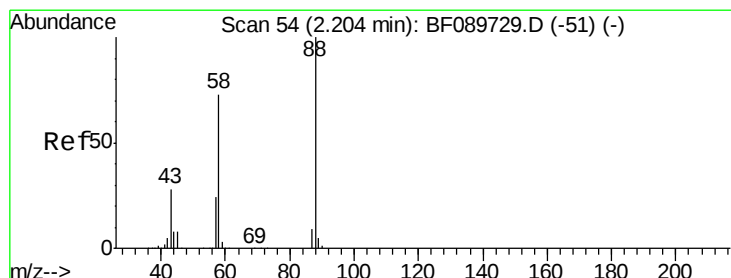
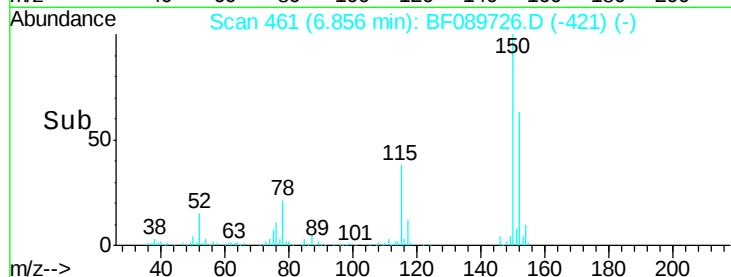
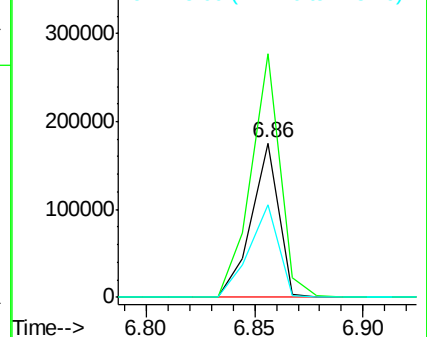
115 59.8 40.9 61.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 12.36 ng

RT: 2.20 min Scan# 54

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

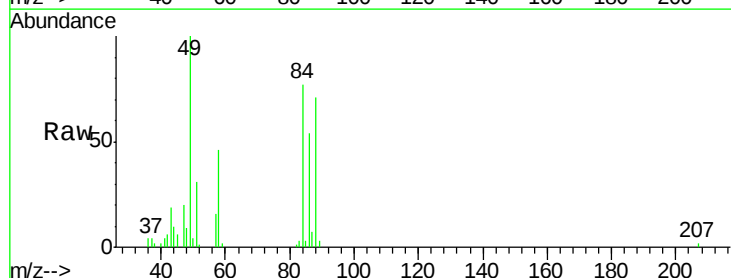
Tgt Ion: 88 Resp: 61588

Ion Ratio Lower Upper

88 100

58 54.2 57.0 85.4#

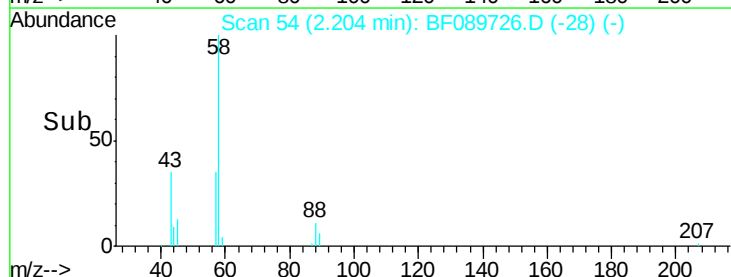
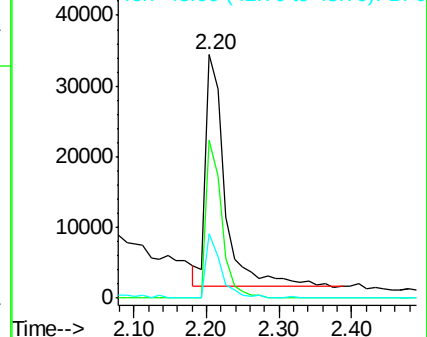
43 21.3 21.8 32.8#

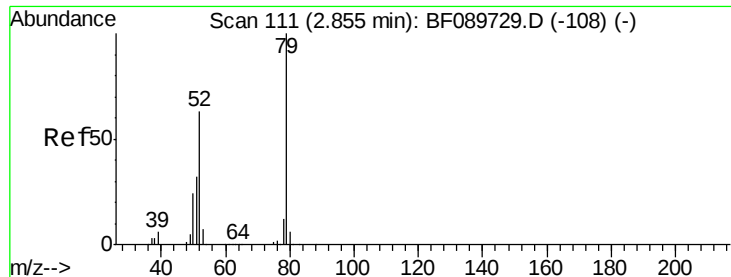


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 10.09 ng

RT: 2.88 min Scan# 113

Delta R.T. 0.02 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

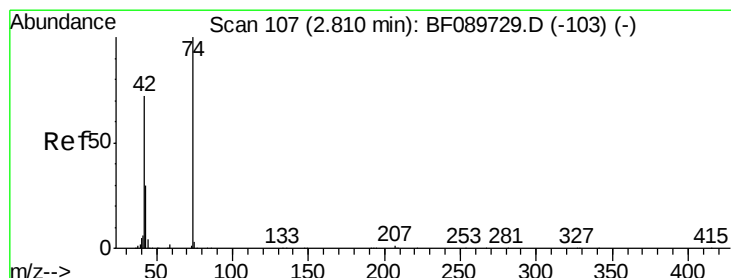
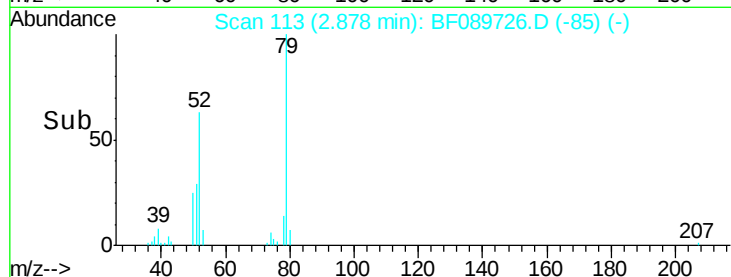
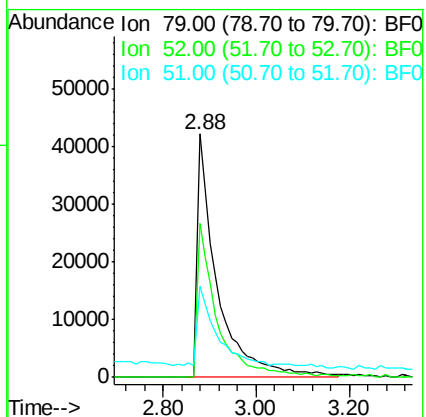
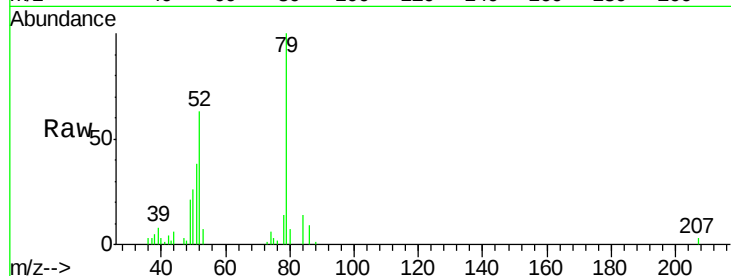
Tot Ion: 79 Resp: 125154

Ion Ratio Lower Upper

79 100

52 63.3 53.6 80.4

51 37.6 26.6 39.8



#4

n-Nitrosodimethylamine

Concen: 9.78 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

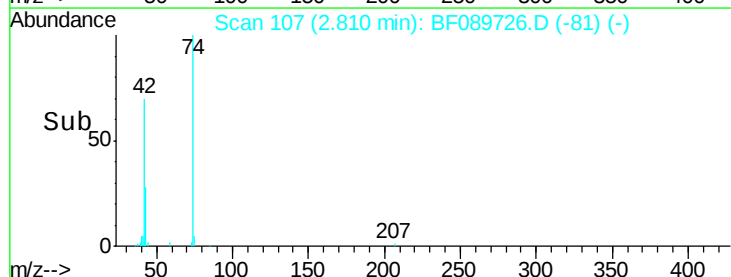
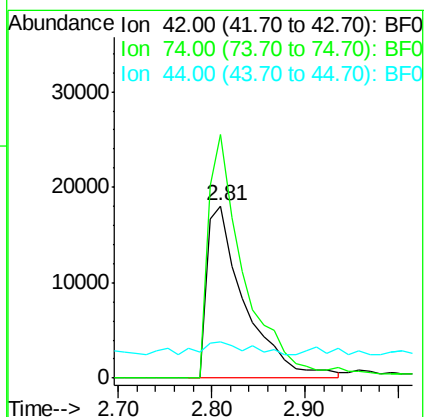
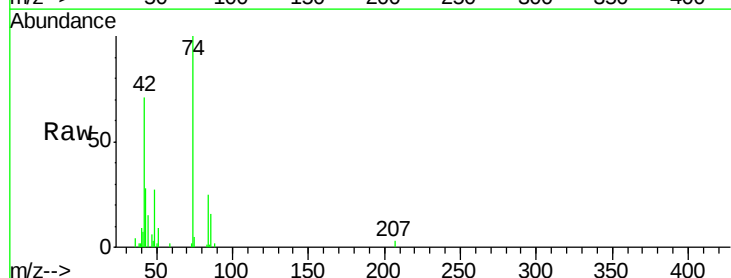
Tgt Ion: 42 Resp: 50878

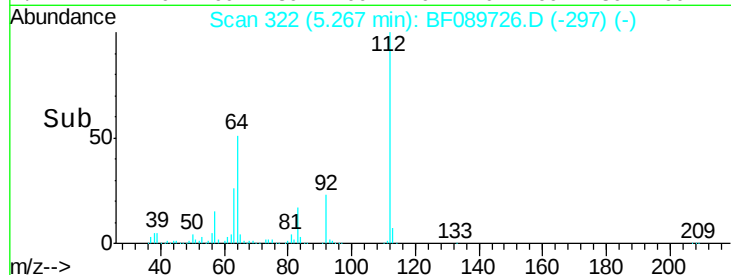
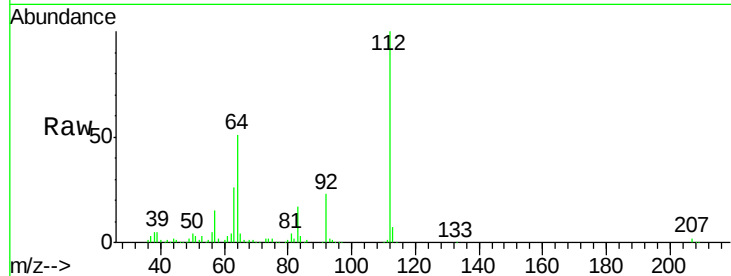
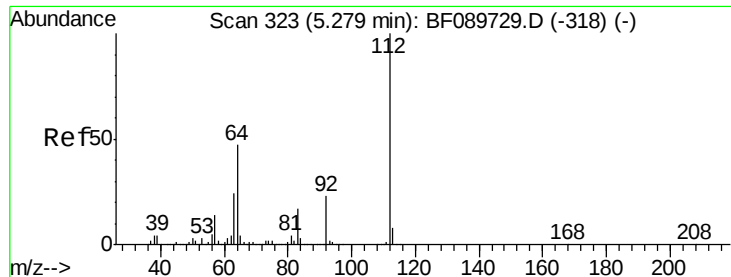
Ion Ratio Lower Upper

42 100

74 141.1 106.2 159.2

44 20.9 6.9 10.3#





#5

2-Fluorophenol

Concen: 10.82 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

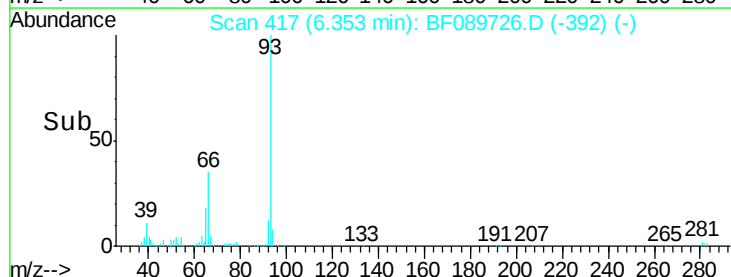
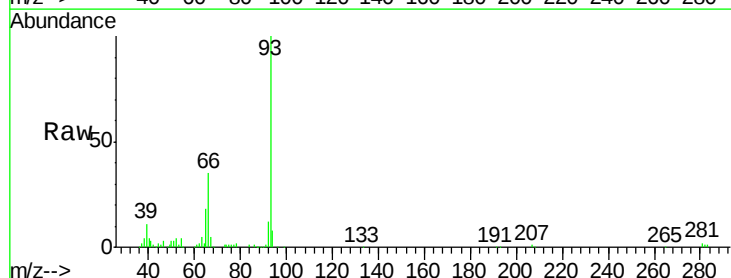
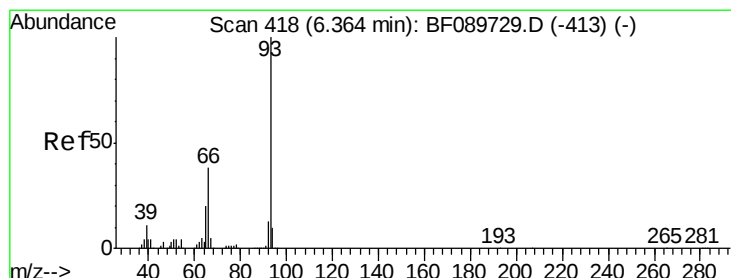
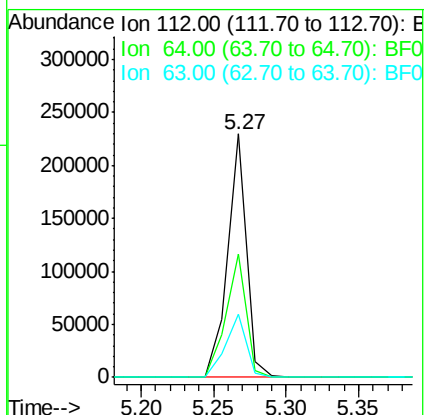
Tot Ion:112 Resp: 207411

Ion Ratio Lower Upper

112 100

64 50.5 45.0 67.4

63 26.1 23.1 34.7



#6

Aniline

Concen: 10.43 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

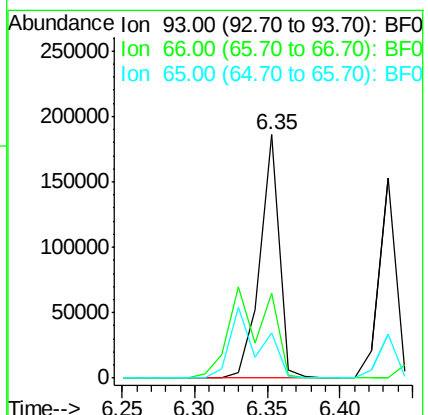
Tgt Ion: 93 Resp: 172226

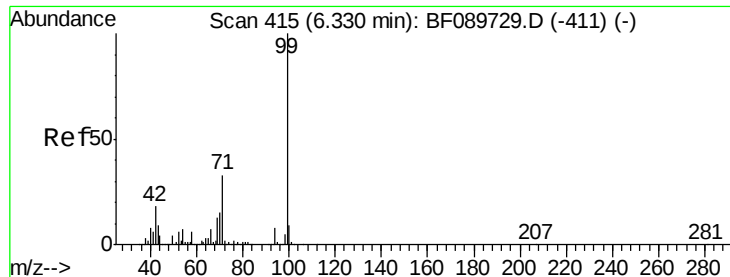
Ion Ratio Lower Upper

93 100

66 35.1 30.6 46.0

65 18.4 15.4 23.2





#7

Phenol-d6

Concen: 11.10 ng

RT: 6.32 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

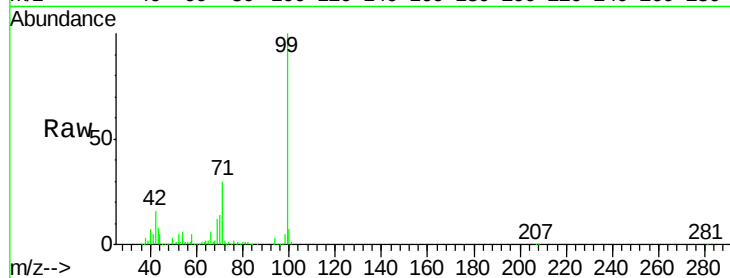
Tot Ion: 99 Resp: 265299

Ion Ratio Lower Upper

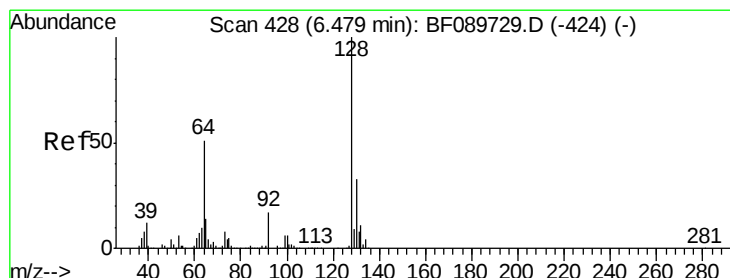
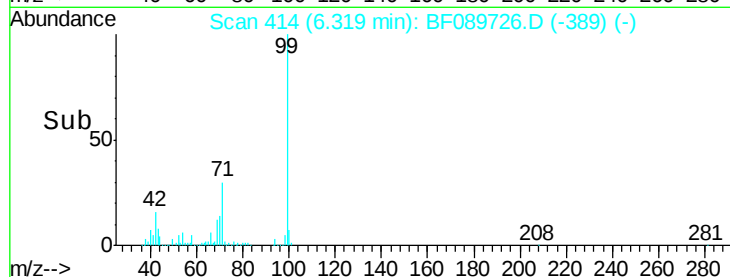
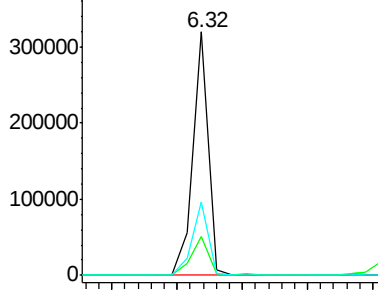
99 100

42 15.7 12.2 18.4

71 29.9 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: 11.20 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

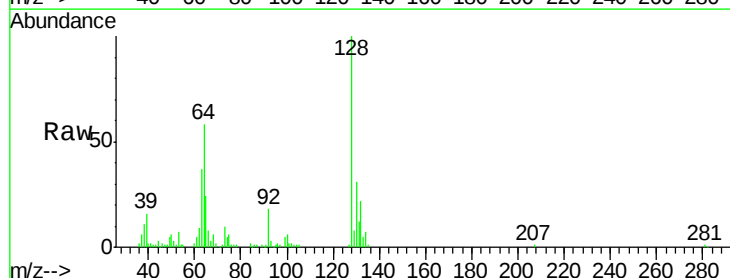
Tgt Ion: 128 Resp: 118505

Ion Ratio Lower Upper

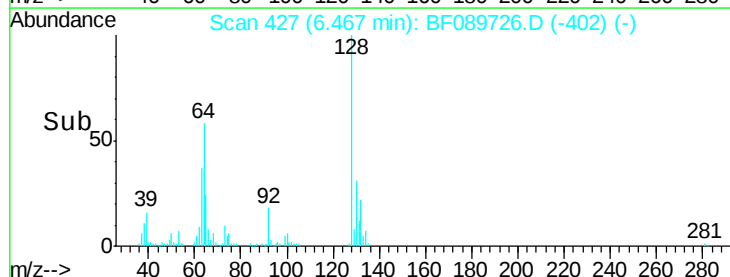
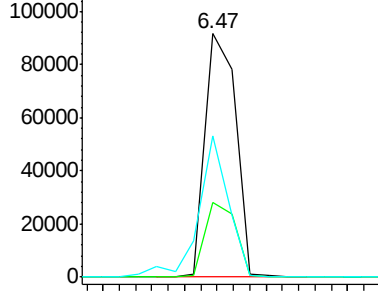
128 100

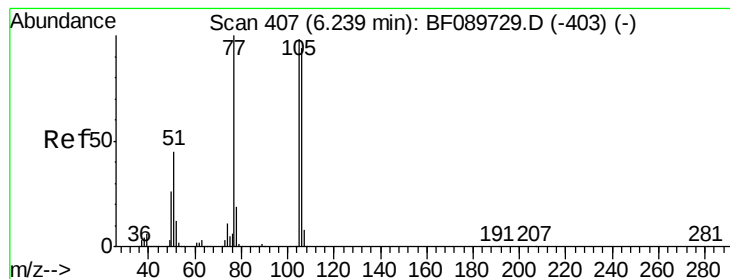
130 30.7 12.0 52.0

64 57.9 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: 10.17 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

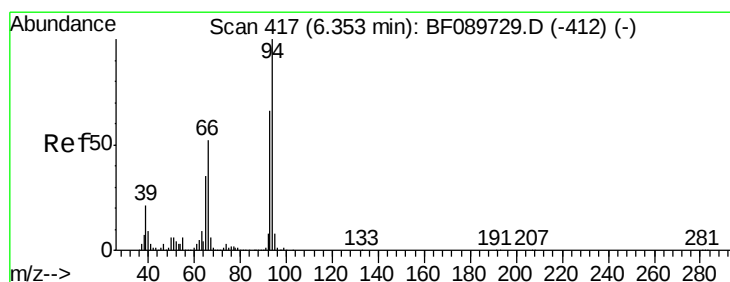
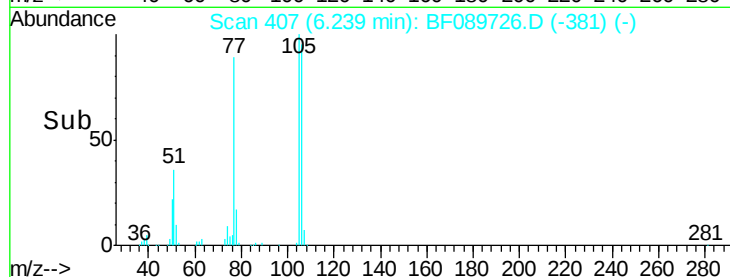
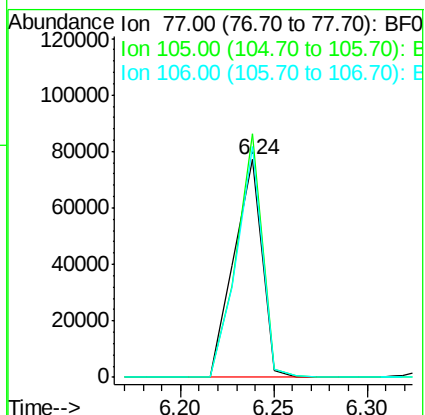
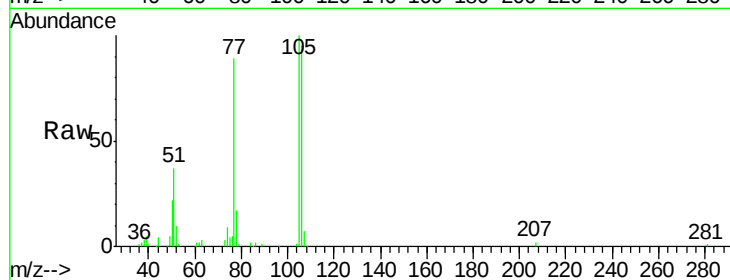
Tot Ion: 77 Resp: 82129

Ion Ratio Lower Upper

77 100

105 111.8 73.3 113.3

106 106.1 68.6 108.6



#10

Phenol

Concen: 11.97 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

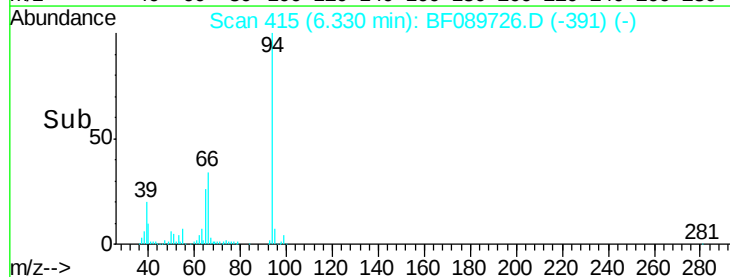
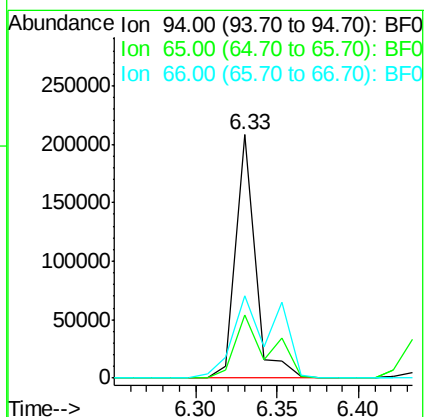
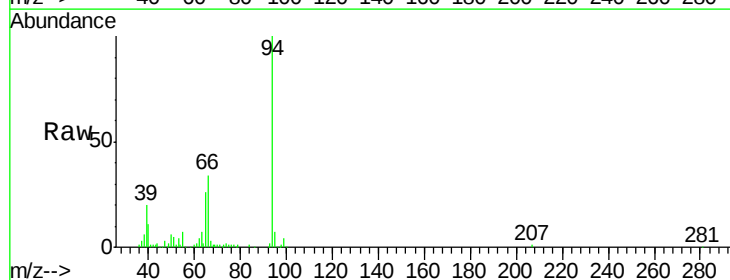
Tgt Ion: 94 Resp: 171891

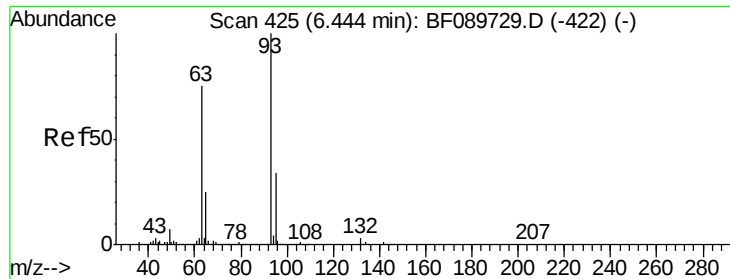
Ion Ratio Lower Upper

94 100

65 26.0 14.0 54.0

66 33.6 31.2 71.2

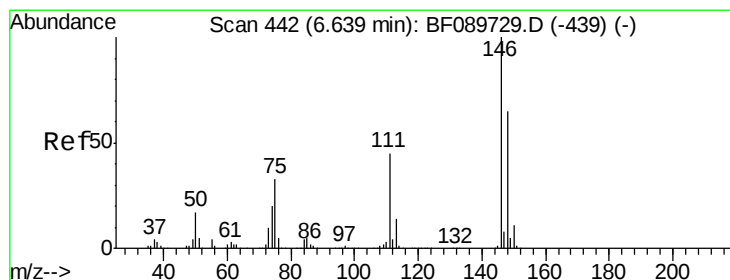
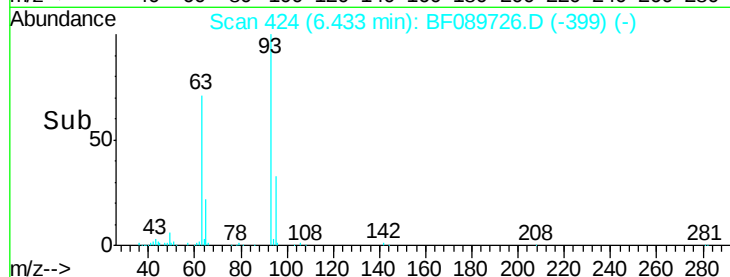
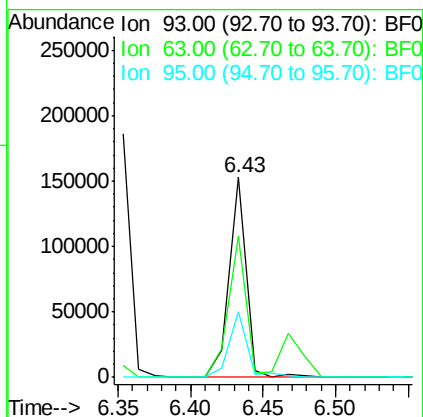
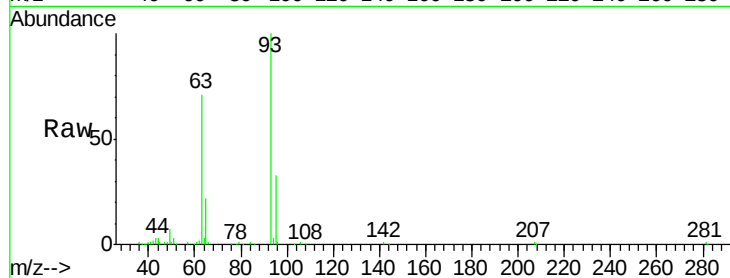




#11
bis(2-Chloroethyl)ether
Concen: 11.95 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

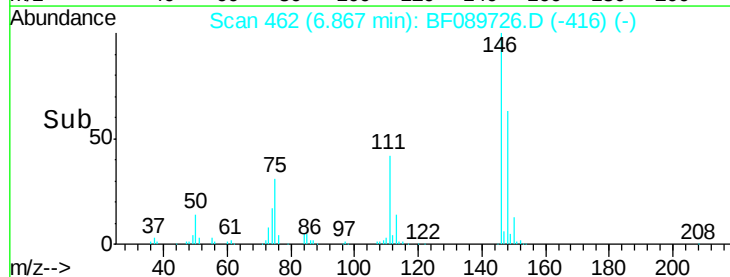
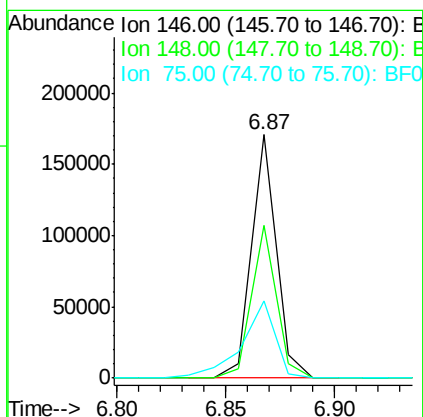
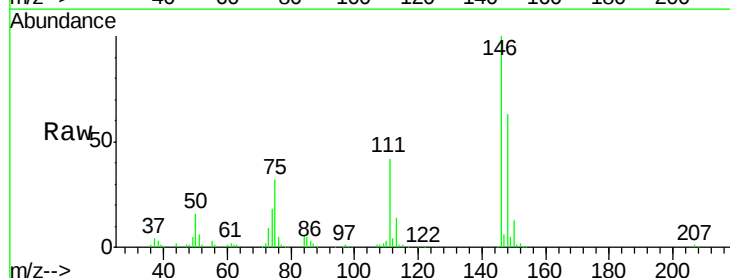
Instrument :
BNA_F
ClientSampleID :

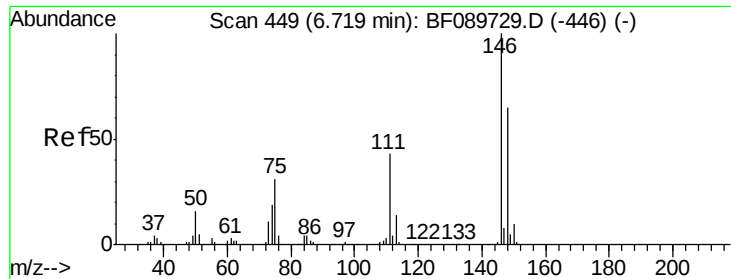
Tot Ion	Ratio	Lower	Upper
93	100		
63	70.7	55.8	95.8
95	32.8	13.0	53.0



#12
1,3-Dichlorobenzene
Concen: 11.83 ng
RT: 6.87 min Scan# 462
Delta R.T. 0.23 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.4
75	31.6	27.0	40.6

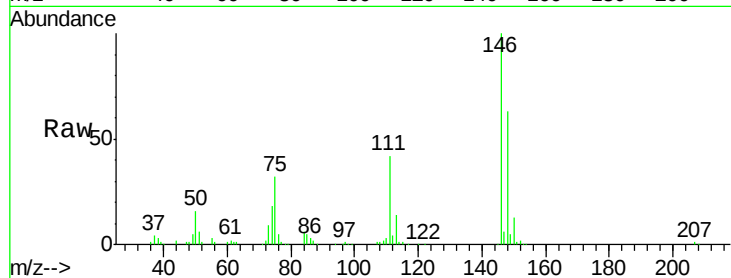




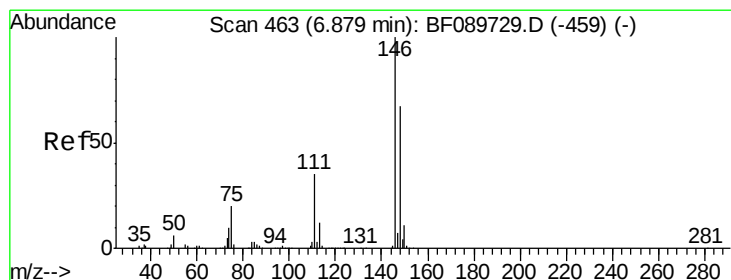
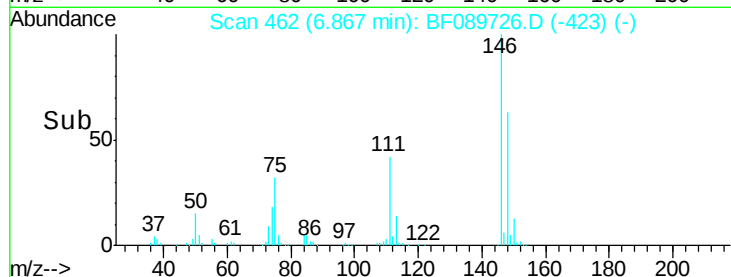
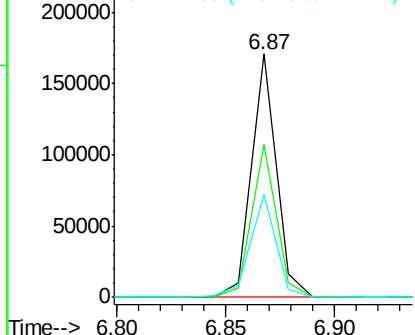
#13
 1,4-Dichlorobenzene
 Concen: 11.76 ng
 RT: 6.87 min Scan# 462
 Delta R.T. 0.15 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.0	76.6
111	42.5	34.6	52.0

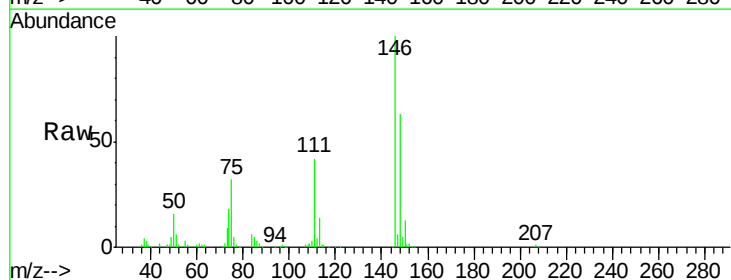


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

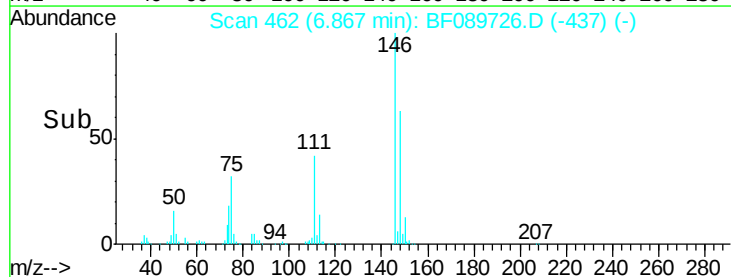
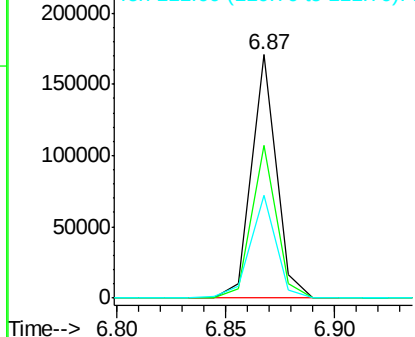


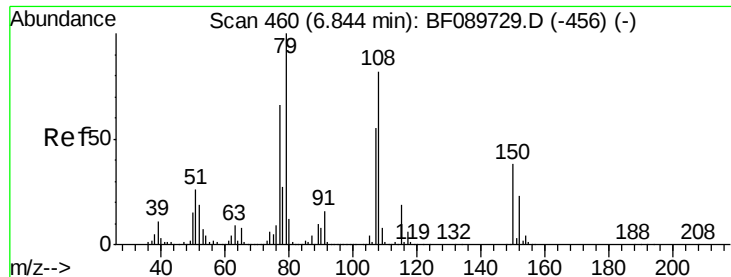
#14
 1,2-Dichlorobenzene
 Concen: 12.30 ng
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	52.2	78.2
111	42.5	29.8	44.6



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





#15

Benzyl Alcohol

Concen: 9.59 ng

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

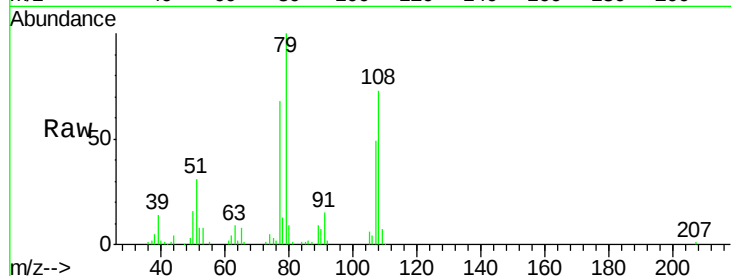
Tot Ion: 79 Resp: 82317

Ion Ratio Lower Upper

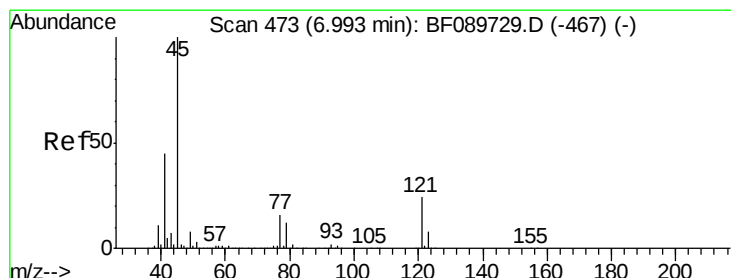
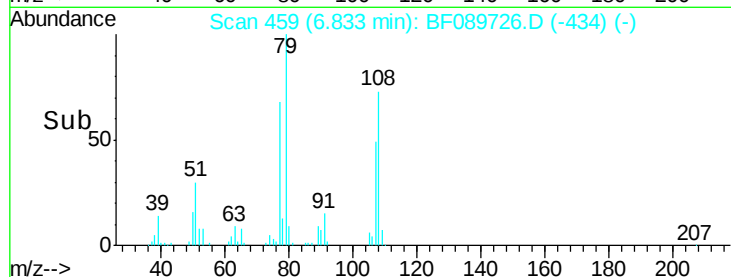
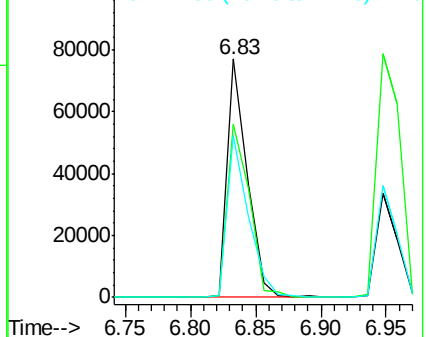
79 100

108 72.6 62.5 93.7

77 68.0 51.5 77.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.18 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

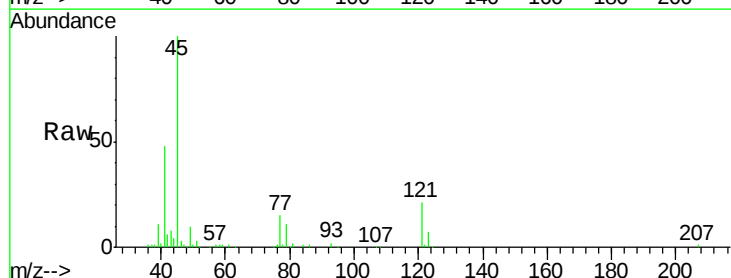
Tgt Ion: 45 Resp: 163384

Ion Ratio Lower Upper

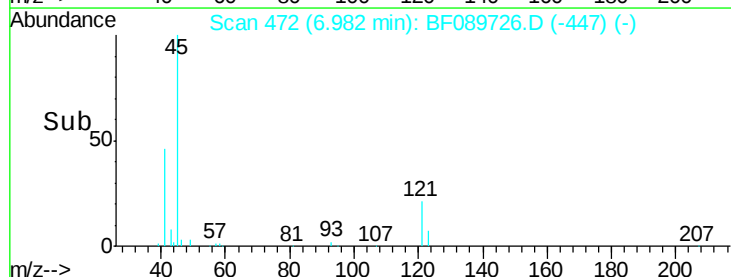
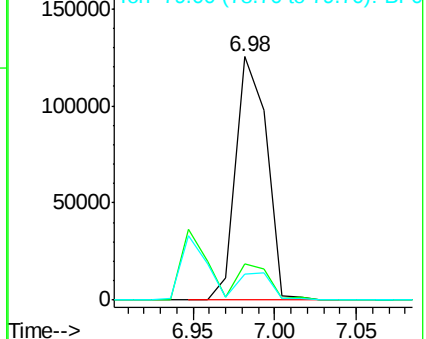
45 100

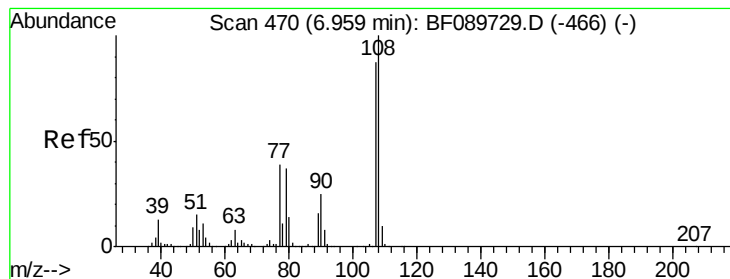
77 15.1 0.0 33.5

79 10.5 0.0 30.7



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

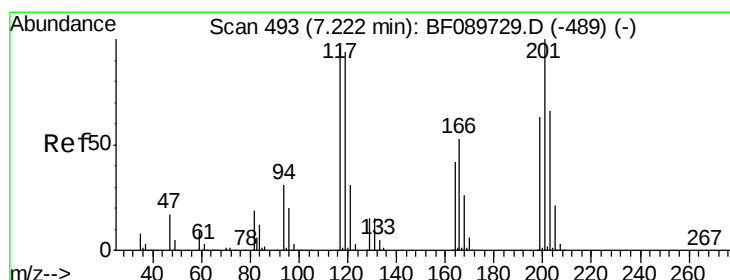
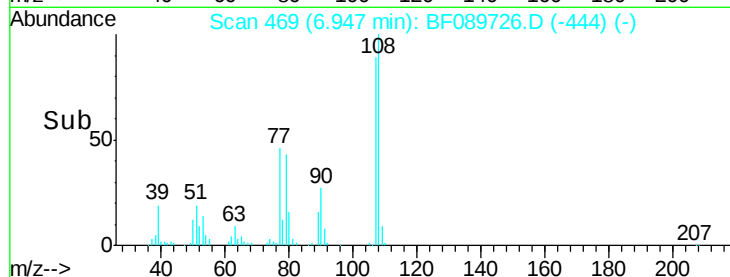
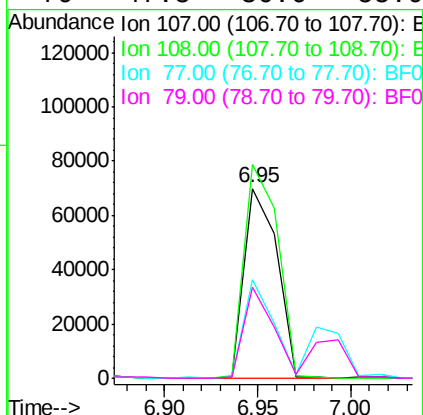
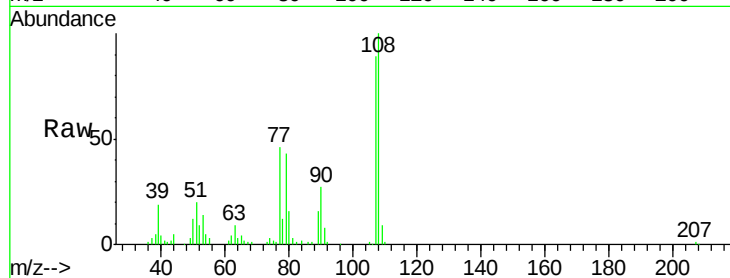




#17
2-Methylphenol
Concen: 9.72 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

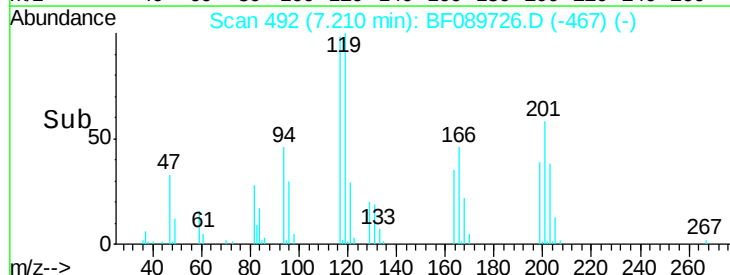
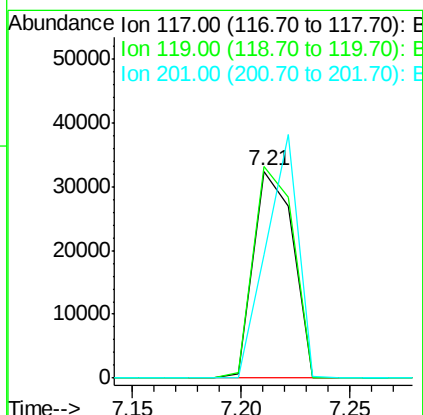
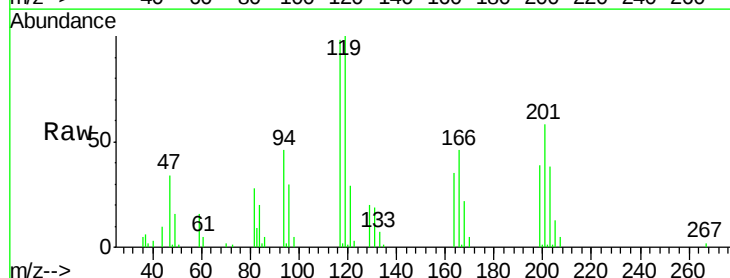
Instrument :
BNA_F
ClientSampleId :

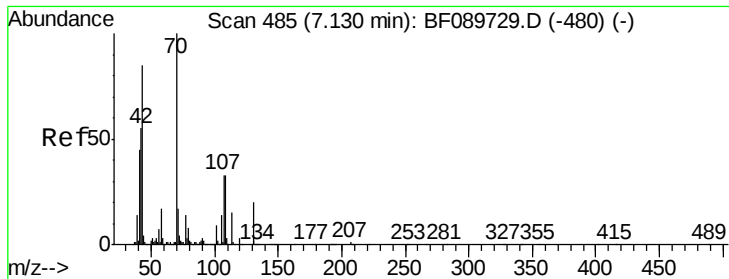
Tot Ion:	107	Resp:	85703
Ion	Ratio	Lower	Upper
107	100		
108	112.5	91.0	136.4
77	51.7	37.4	56.0
79	47.8	36.6	55.0



#18
Hexachloroethane
Concen: 9.58 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:	117	Resp:	41285
Ion	Ratio	Lower	Upper
117	100		
119	102.4	77.1	115.7
201	59.3	76.9	115.3#

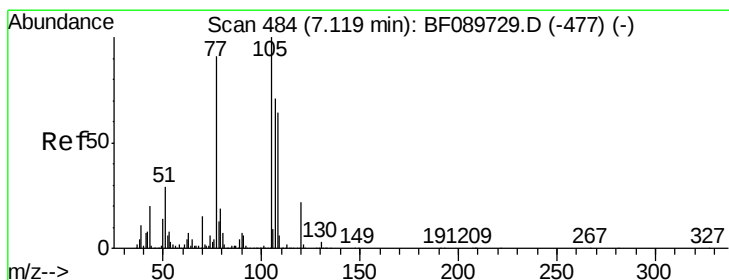
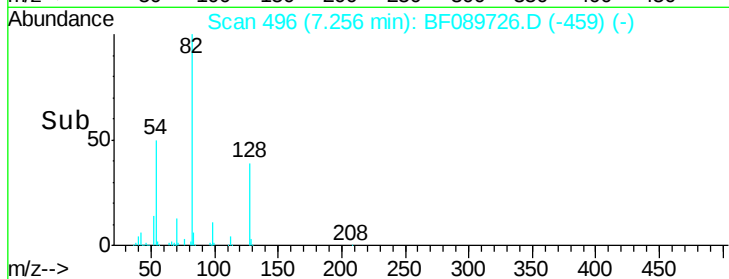
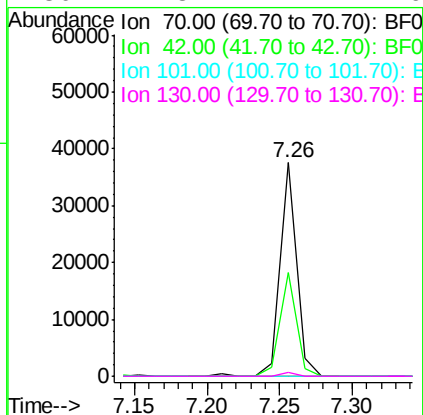
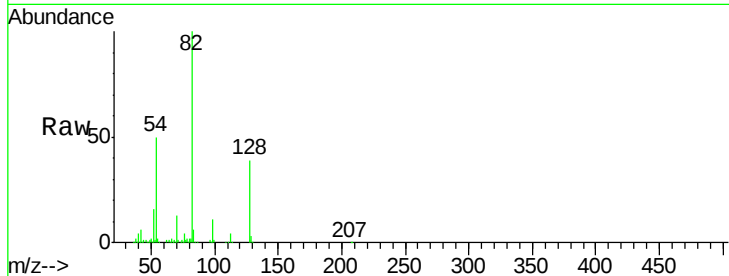




#19
n-Nitroso-di-n-propylamine
Concen: 3.83 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.13 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

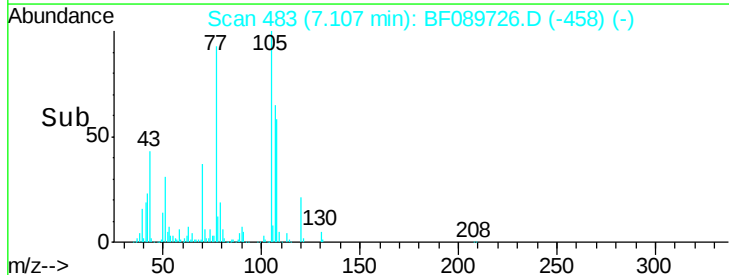
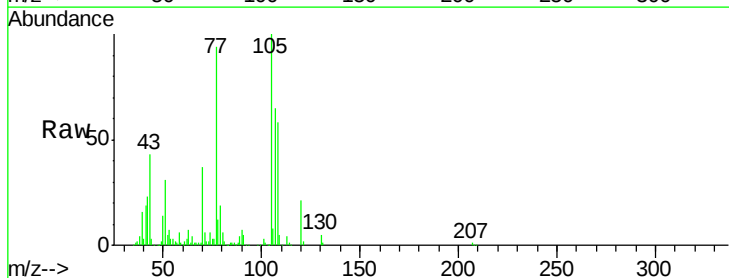
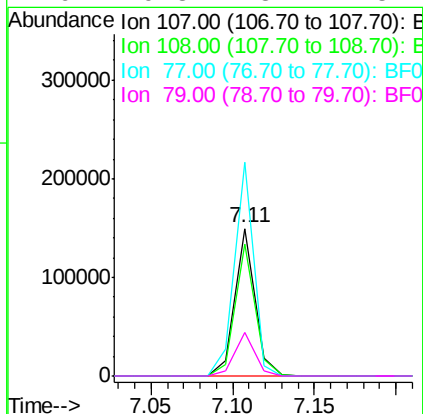
Instrument :
BNA_F
ClientSampleId :

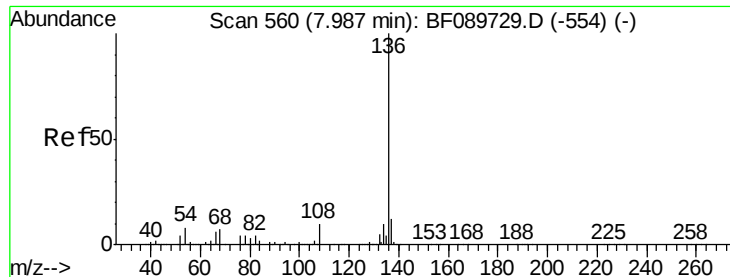
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.4	46.3	69.5
101	0.0	7.0	10.6#
130	1.8	14.4	21.6#



#20
3+4-Methylphenols
Concen: 11.62 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	68.2	108.2
77	145.0	122.3	162.3
79	29.8	8.2	48.2

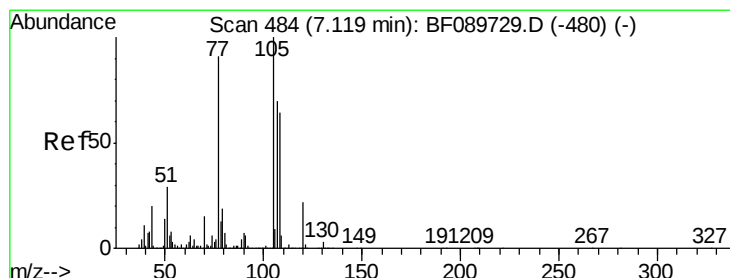
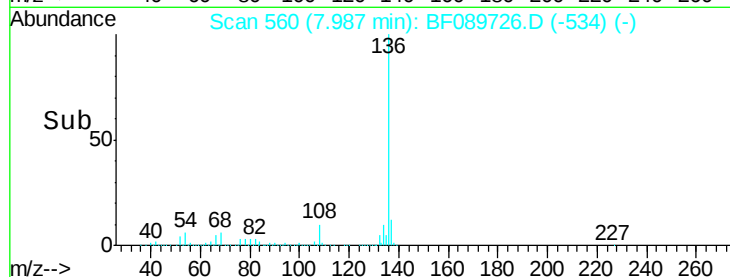
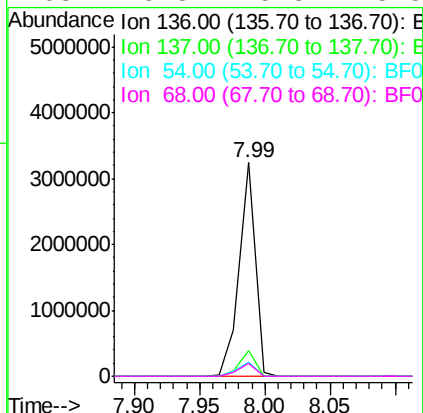
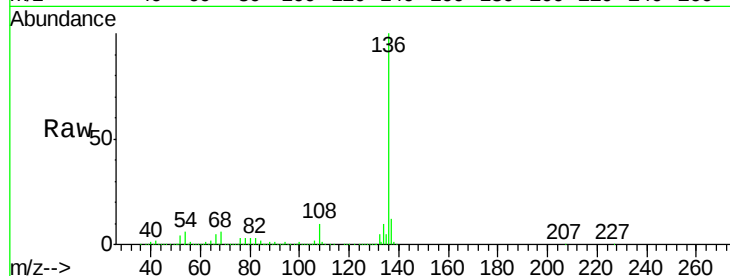




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

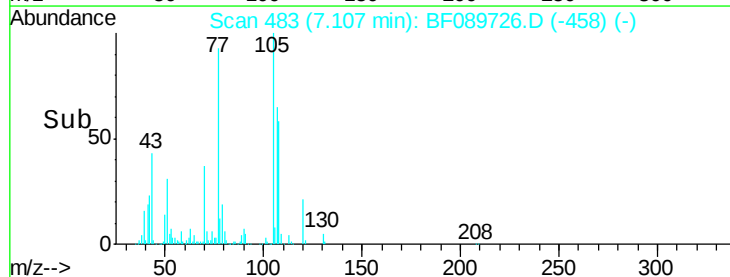
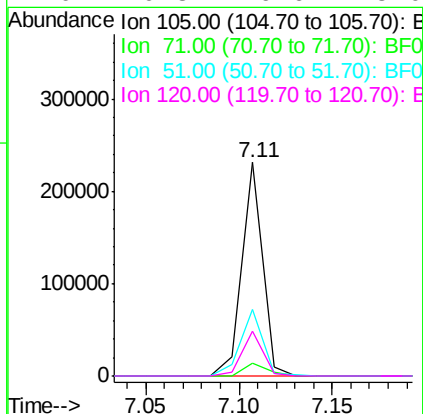
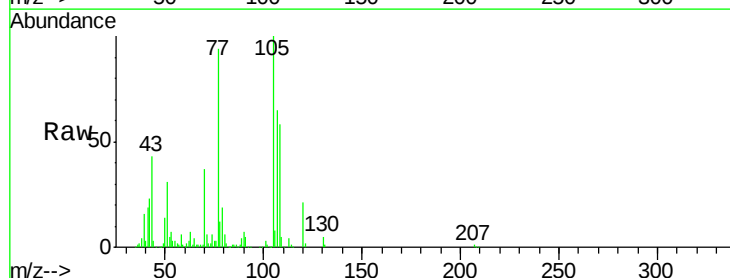
Instrument :
BNA_F
ClientSampled :

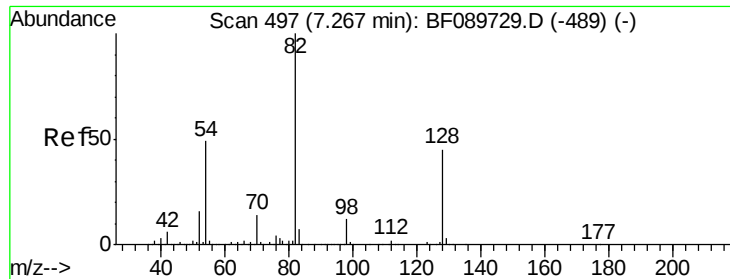
Tot Ion:136	Resp: 2759351
Ion Ratio	Lower Upper
136 100	
137 12.0	9.2 13.8
54 6.4	7.2 10.8#
68 5.8	5.8 8.8#



#22
Acetophenone
Concen: 2.75 ng
RT: 7.11 min Scan# 483
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt	Ion:105	Resp:	180652
Ion	Ratio	Lower	Upper
105	100		
71	6.0	1.9	2.9#
51	31.4	28.5	42.7
120	20.8	16.6	25.0

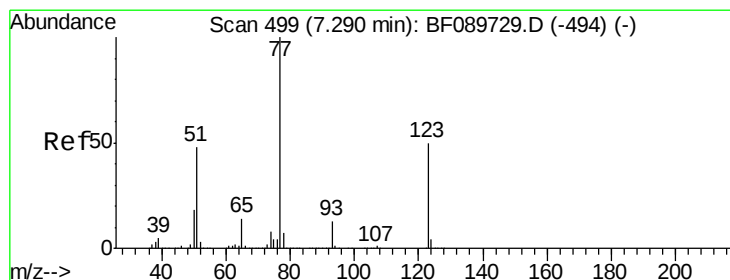
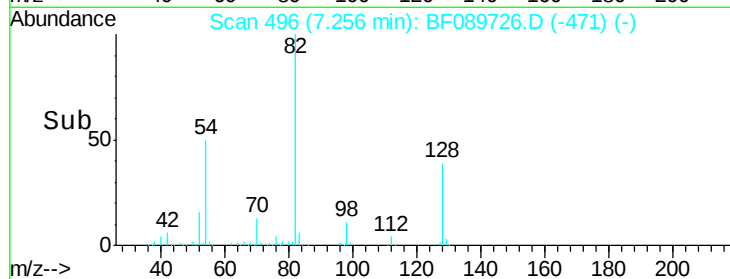
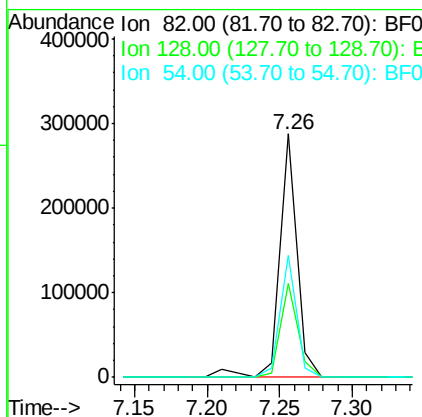
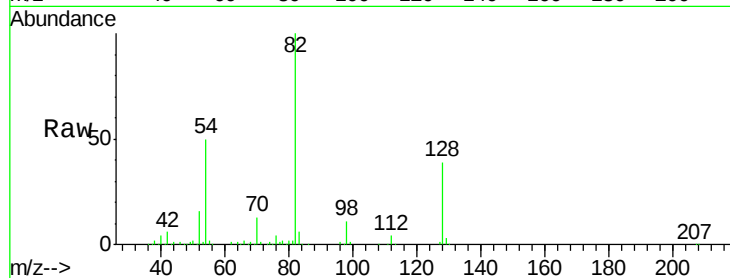




#23
 Nitrobenzene-d5
 Concen: 2.62 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

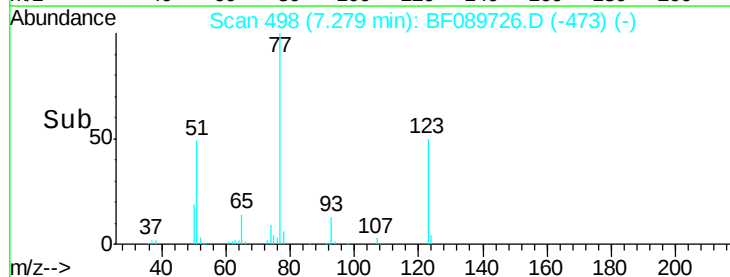
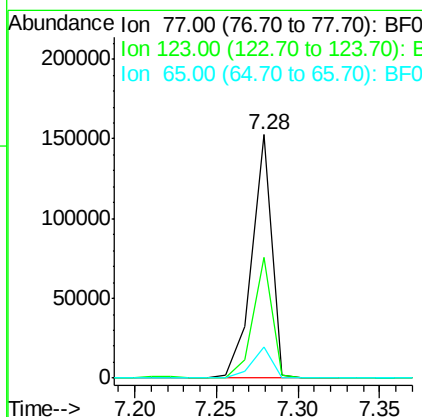
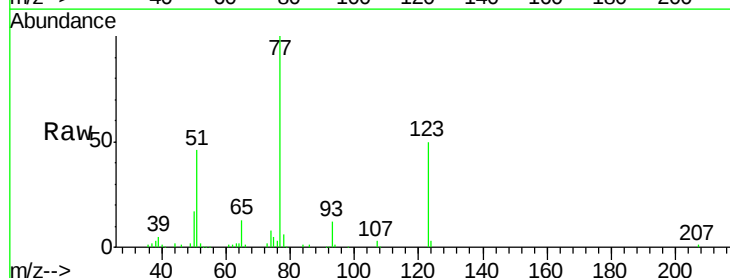
Instrument :
 BNA_F
 ClientSampleId :

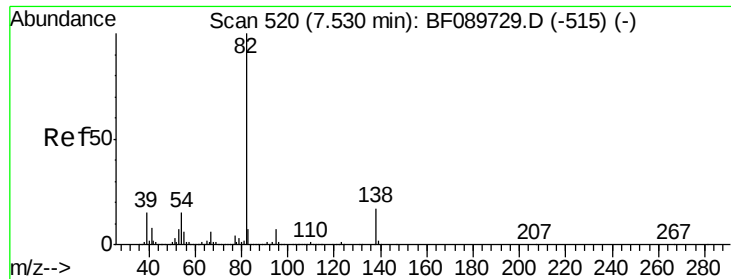
Tot Ion	82	Resp	238873
Ion Ratio	Lower	Upper	
82	100		
128	38.7	34.4	51.6
54	50.2	40.3	60.5



#24
 Nitrobenzene
 Concen: 2.65 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion	77	Resp	129644
Ion Ratio	Lower	Upper	
77	100		
123	49.6	36.2	54.2
65	12.8	10.6	15.8





#25

Isophorone

Concen: 2.54 ng

RT: 7.52 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

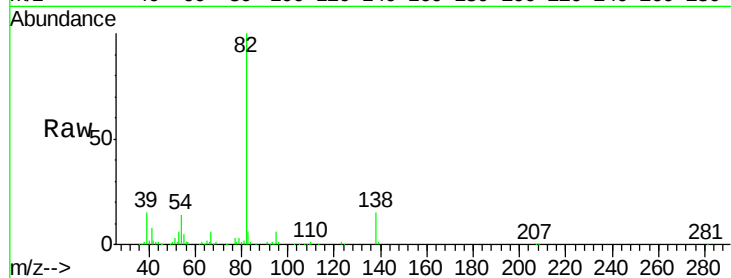
Tot Ion: 82 Resp: 231569

Ion Ratio Lower Upper

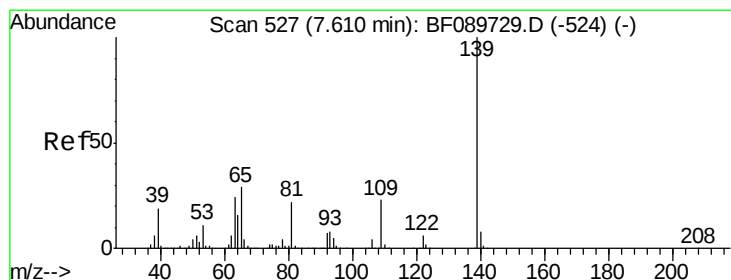
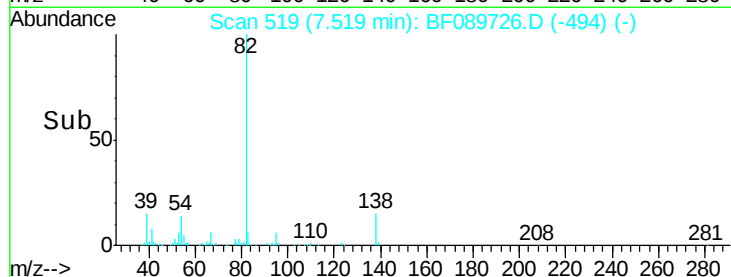
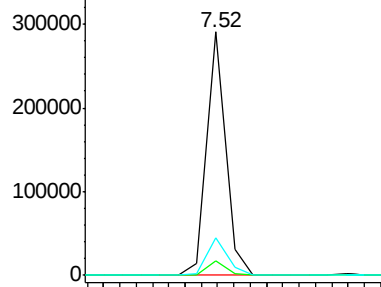
82 100

95 6.2 5.3 7.9

138 15.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 2.08 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

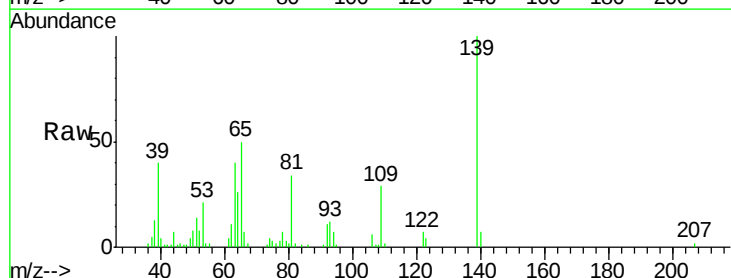
Tgt Ion: 139 Resp: 47199

Ion Ratio Lower Upper

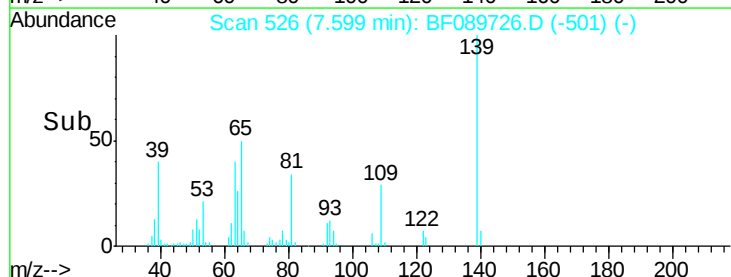
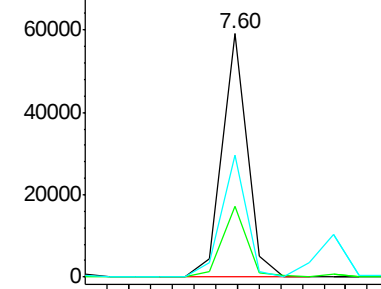
139 100

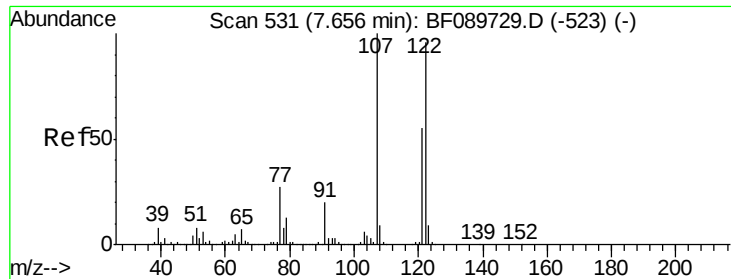
109 29.2 19.5 29.3

65 50.1 26.5 39.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 2.60 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

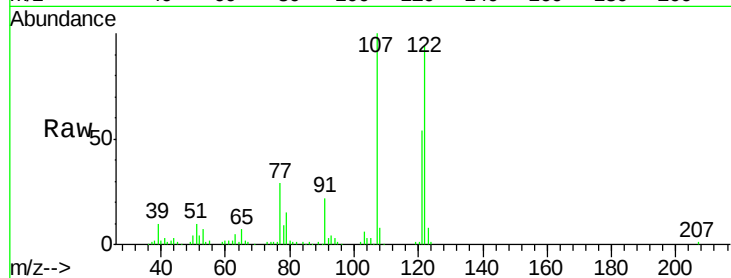
Tot Ion:122 Resp: 117114

Ion Ratio Lower Upper

122 100

107 106.4 84.8 127.2

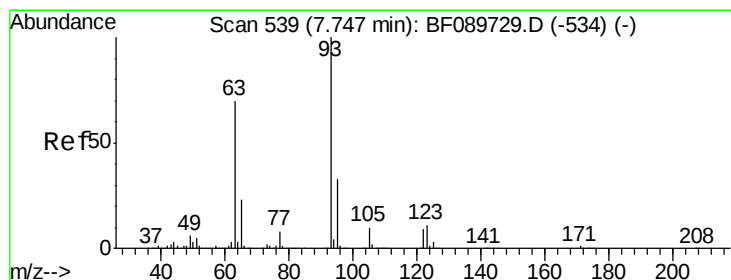
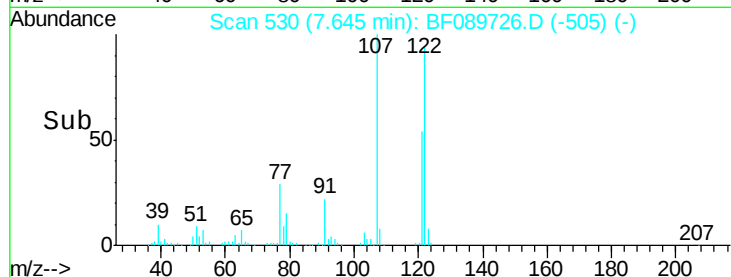
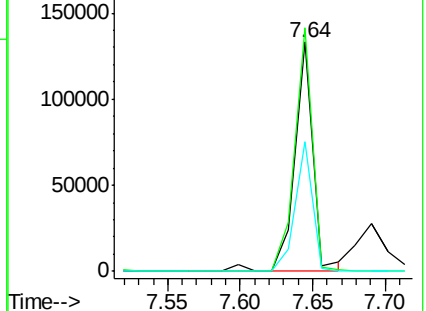
121 56.9 47.0 70.6



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: 2.36 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

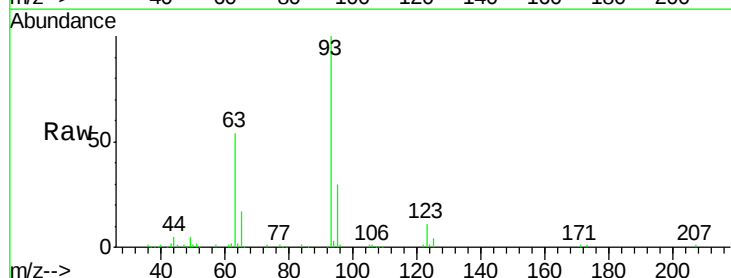
Tgt Ion: 93 Resp: 136402

Ion Ratio Lower Upper

93 100

95 30.0 25.5 38.3

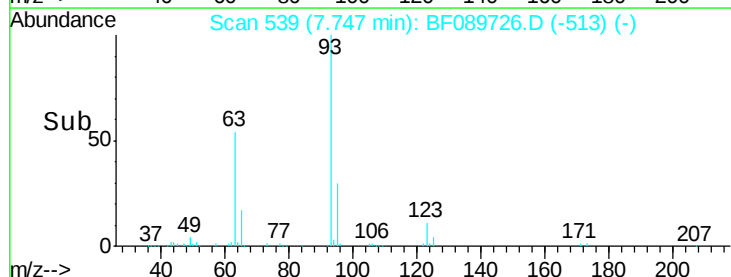
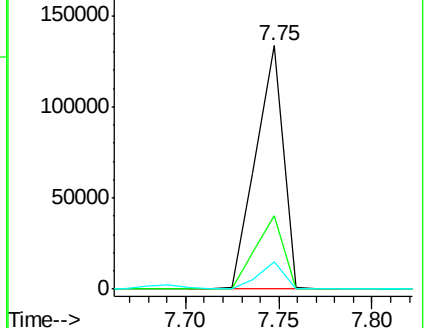
123 11.1 8.5 12.7

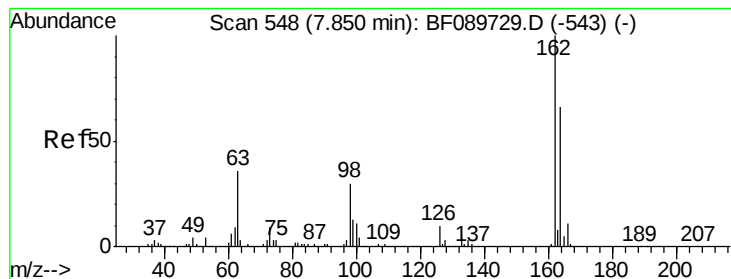


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 2.40 ng

RT: 7.84 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

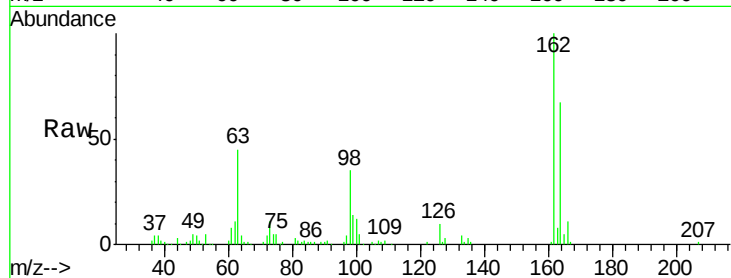
Tot Ion:162 Resp: 92111

Ion Ratio Lower Upper

162 100

164 66.9 45.5 85.5

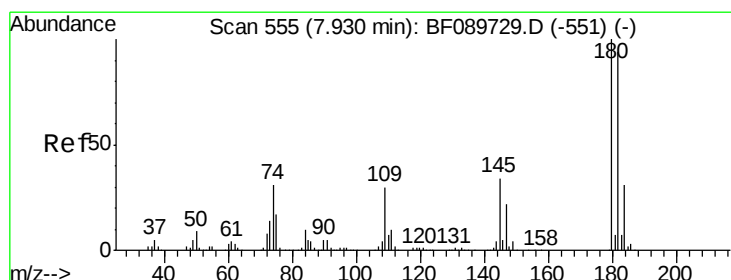
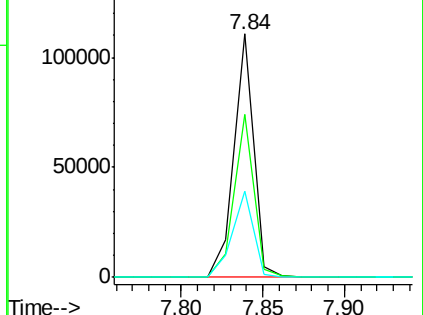
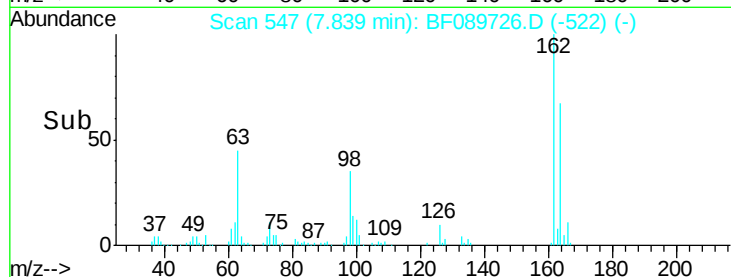
98 35.3 12.4 52.4



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: 2.68 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

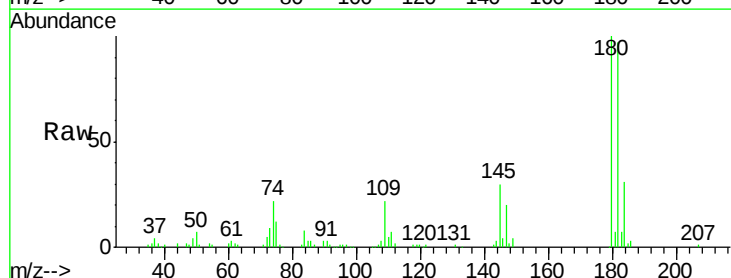
Tgt Ion:180 Resp: 108197

Ion Ratio Lower Upper

180 100

182 97.4 75.5 113.3

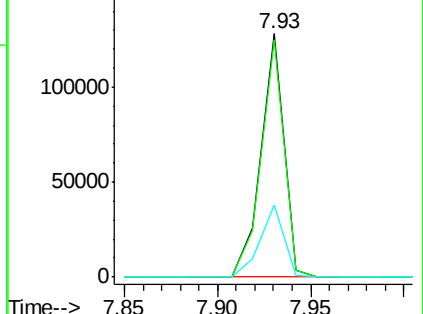
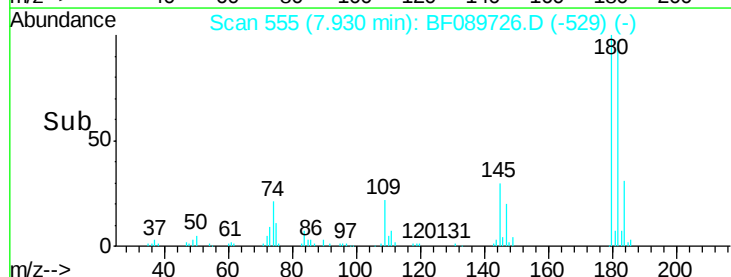
145 29.6 28.7 43.1

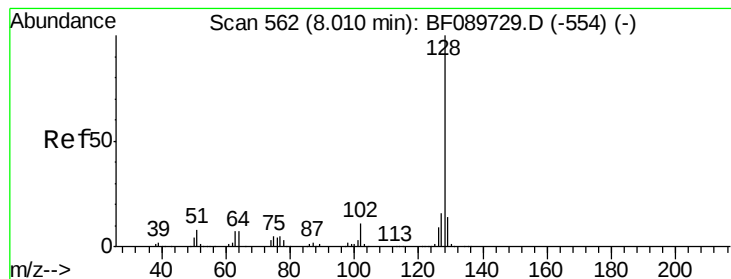


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.79 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

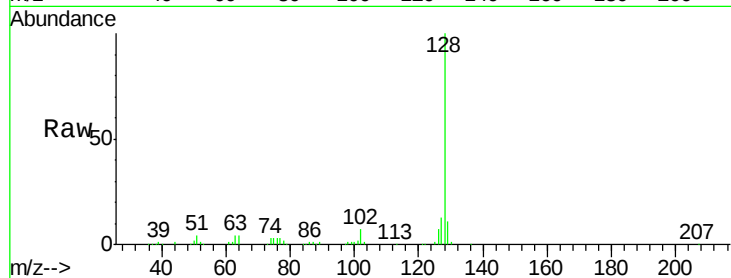
Tot Ion:128 Resp: 346605

Ion Ratio Lower Upper

128 100

129 10.5 9.5 14.3

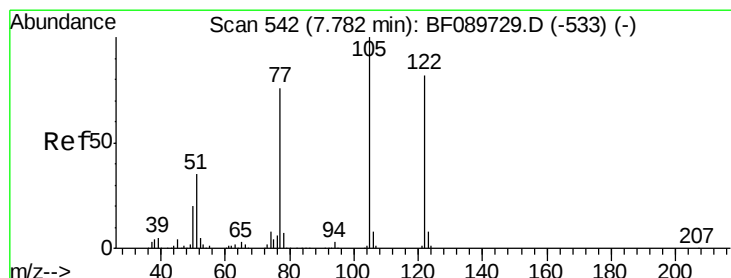
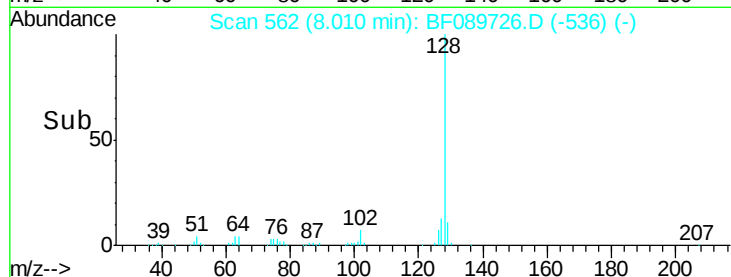
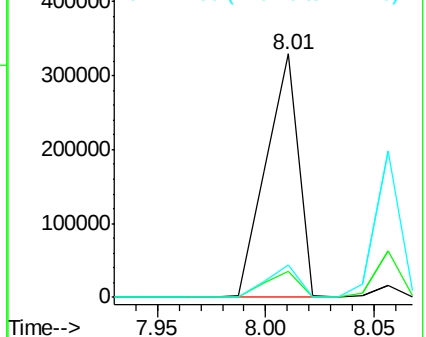
127 13.4 11.3 16.9



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: 1.50 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.09 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

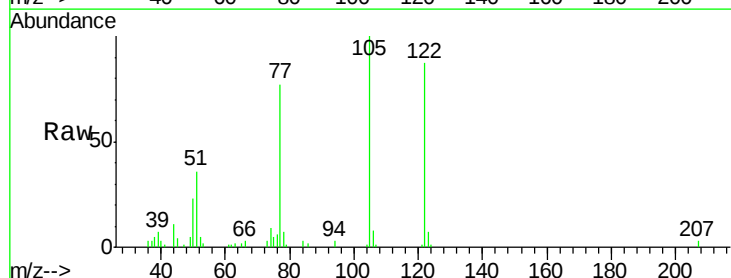
Tgt Ion:122 Resp: 43405

Ion Ratio Lower Upper

122 100

105 114.4 100.8 140.8

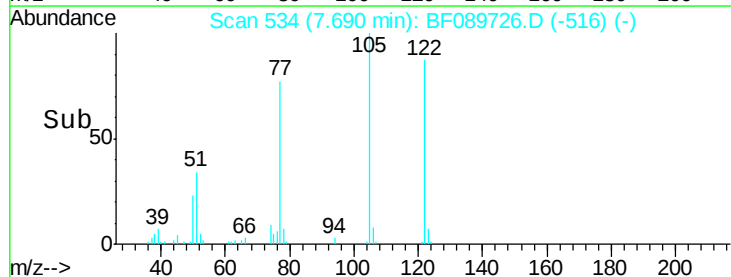
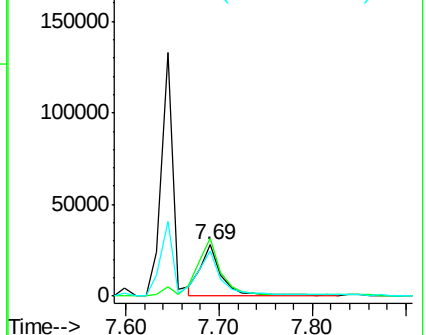
77 87.9 72.1 112.1

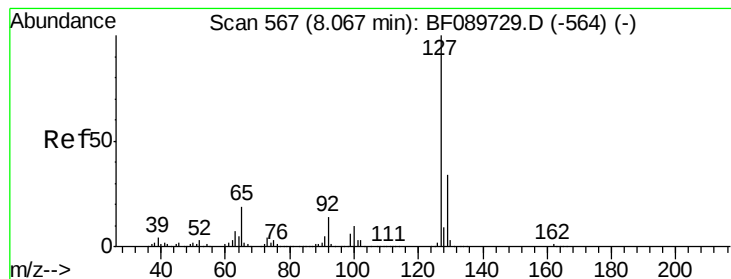


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 2.61 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF089726.D

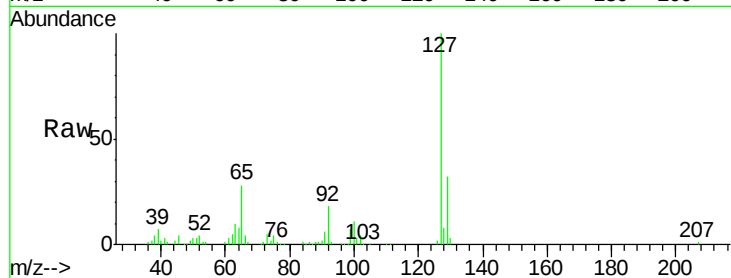
Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	155281
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.0	40.6
65	28.2	14.7	22.1#
92	17.6	11.7	17.5#

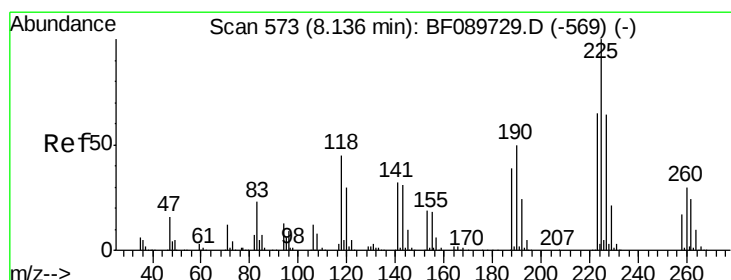
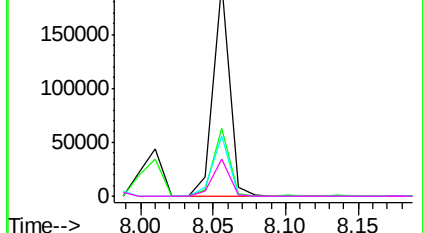
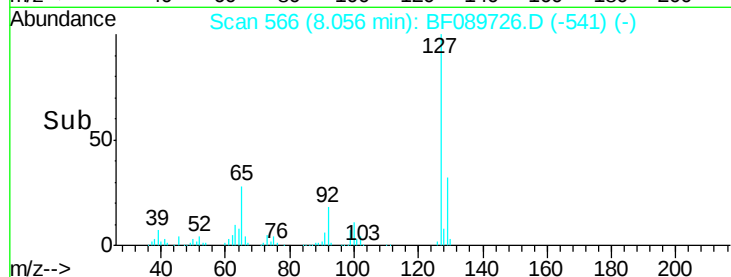


Abundance Ion 127.00 (126.70 to 127.70): E

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: 2.92 ng

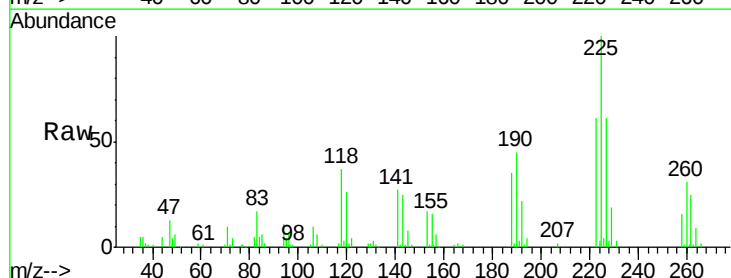
RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

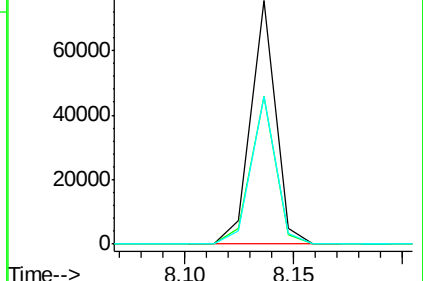
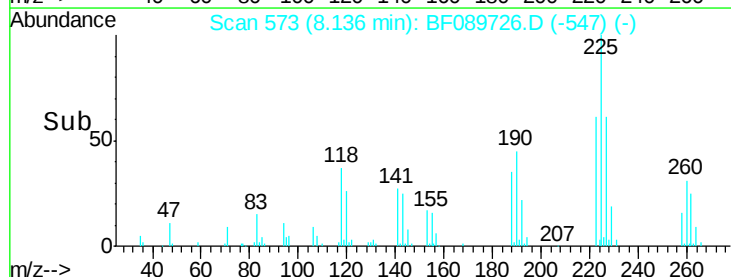
Tgt Ion:	225	Resp:	60113
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.0	76.6
227	60.6	49.8	74.6

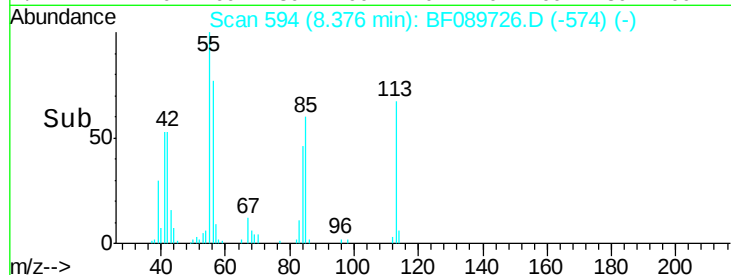
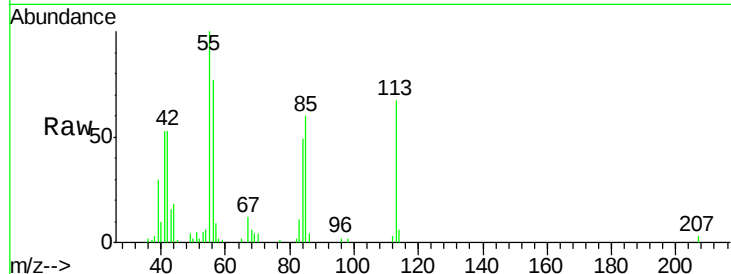
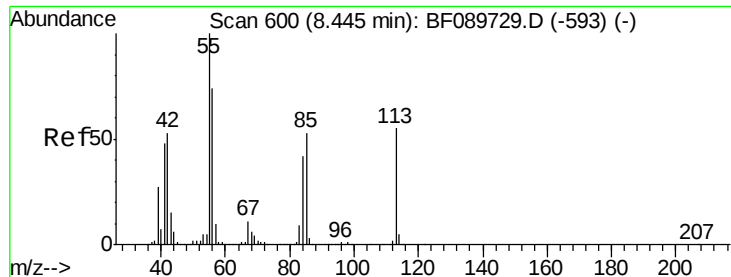


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

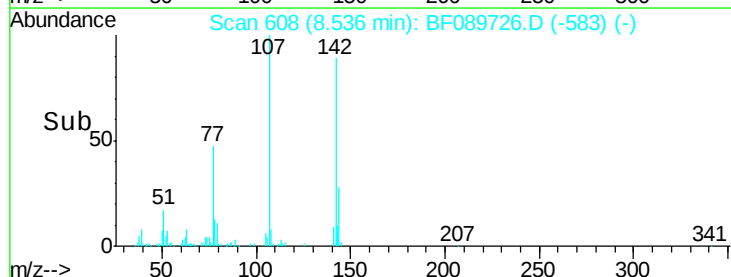
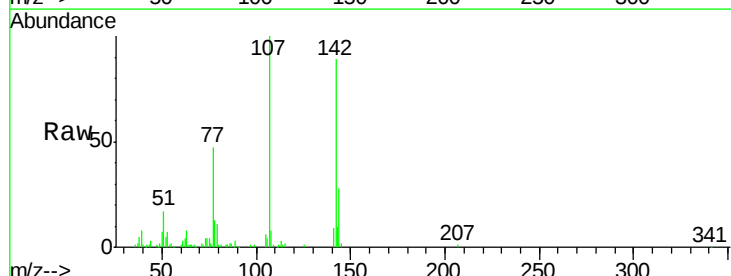
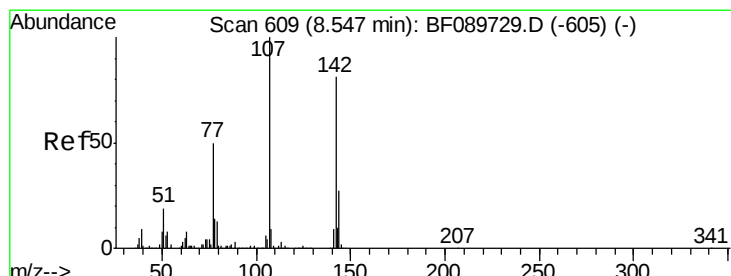
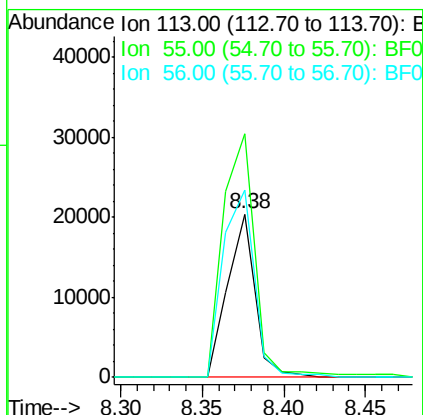




#35
Caprolactam
Concen: 2.00 ng
RT: 8.38 min Scan# 594
Delta R.T. -0.07 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

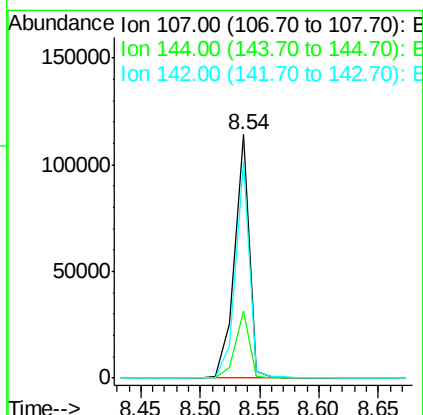
Instrument :
BNA_F
ClientSampleId :

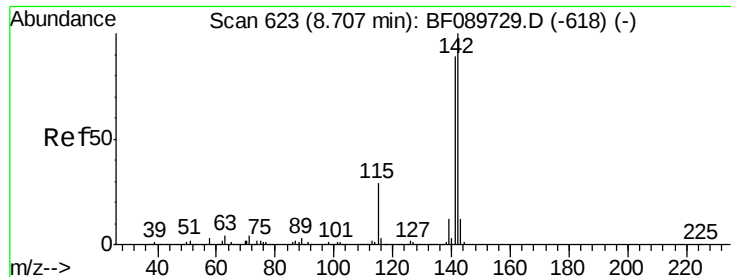
Tot Ion:113 Resp: 23633
Ion Ratio Lower Upper
113 100
55 149.3 135.9 175.9
56 114.8 93.9 133.9



#36
4-Chloro-3-methylphenol
Concen: 2.49 ng
RT: 8.54 min Scan# 608
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:107 Resp: 99448
Ion Ratio Lower Upper
107 100
144 27.7 22.6 34.0
142 89.2 69.3 103.9

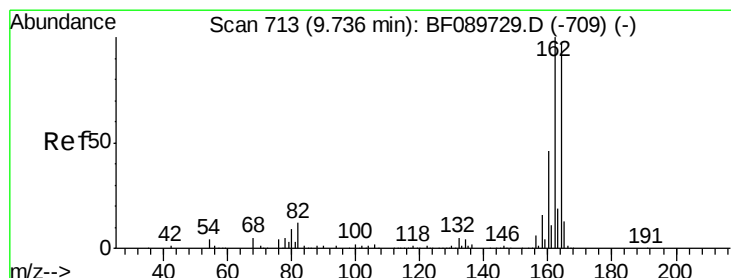
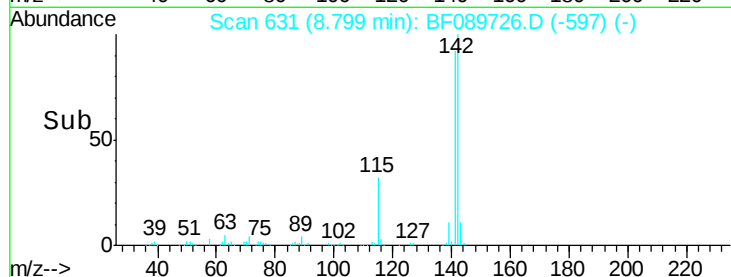
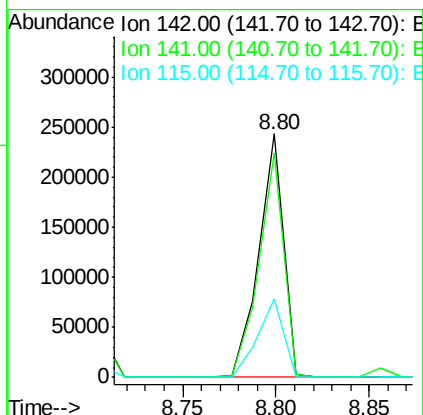
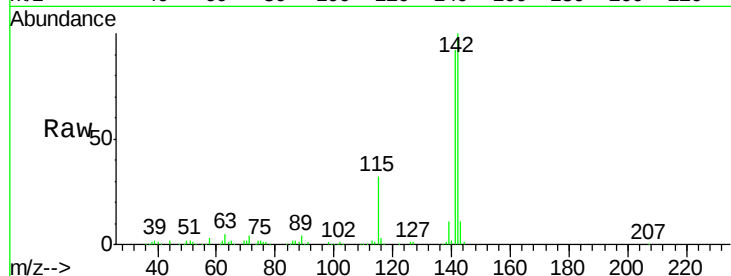




#37
2-Methylnaphthalene
Concen: 2.59 ng
RT: 8.80 min Scan# 631
Delta R.T. 0.09 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

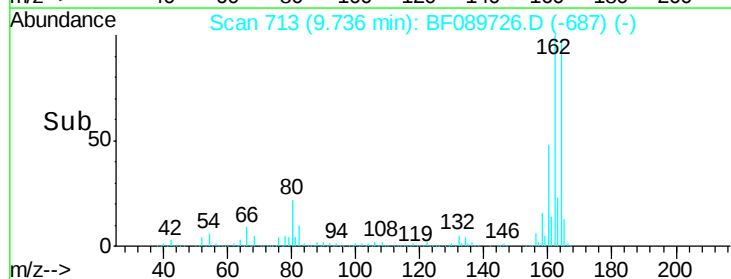
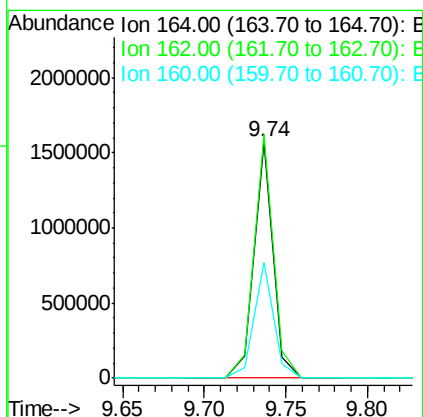
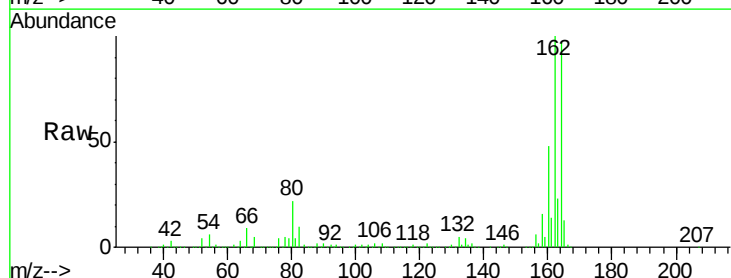
Instrument :
BNA_F
ClientSampleId :

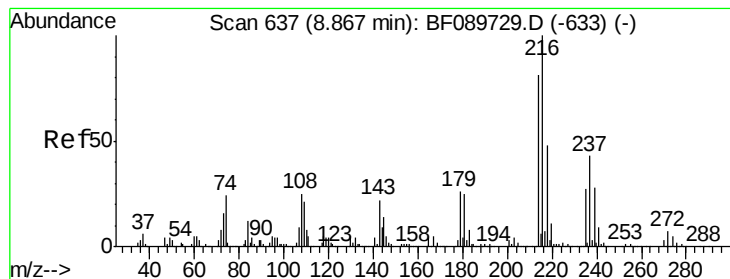
Tot Ion:142 Resp: 222204
Ion Ratio Lower Upper
142 100
141 92.1 71.4 107.2
115 32.3 22.7 34.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:164 Resp: 1280646
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.2
160 49.1 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 3.27 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 116953

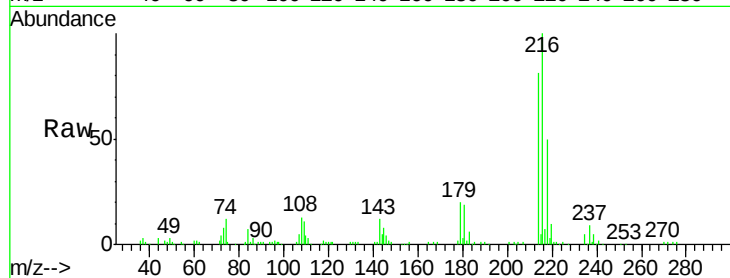
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 21.8 19.9 29.9

108 20.2 19.9 29.9

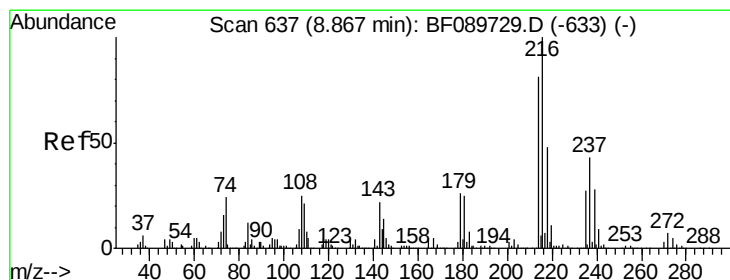
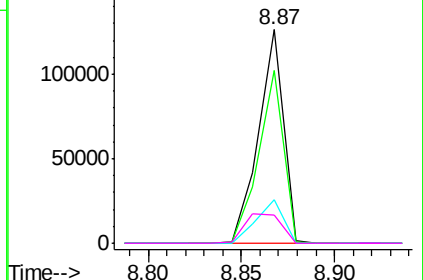
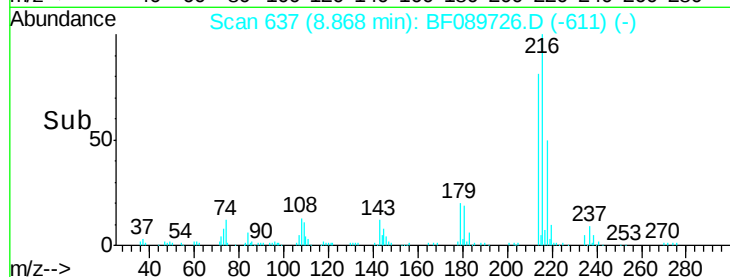


Abundance Ion 216.00 (215.70 to 216.70): E

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: 2.07 ng

RT: 8.86 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

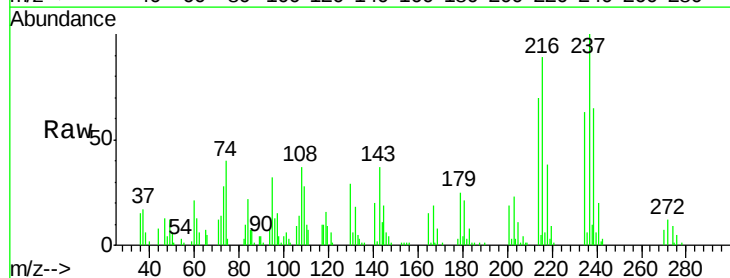
Tgt Ion:237 Resp: 41021

Ion Ratio Lower Upper

237 100

235 62.8 43.7 83.7

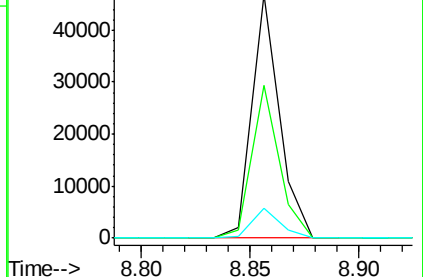
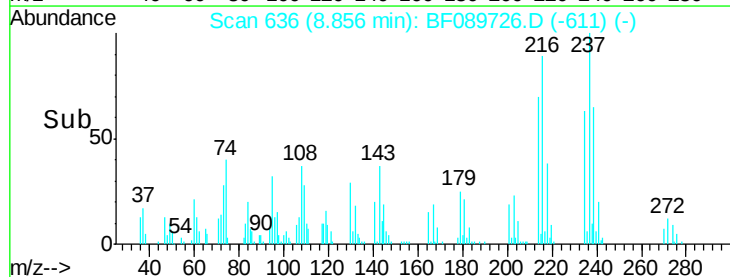
272 12.2 0.0 31.6

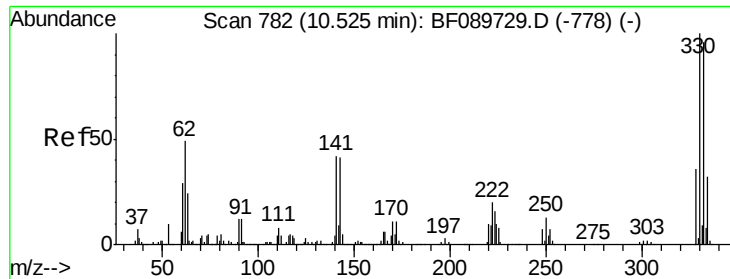


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

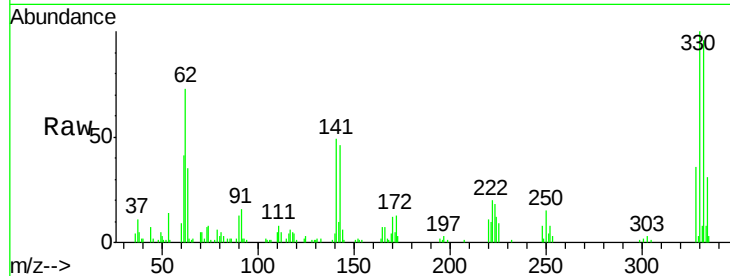




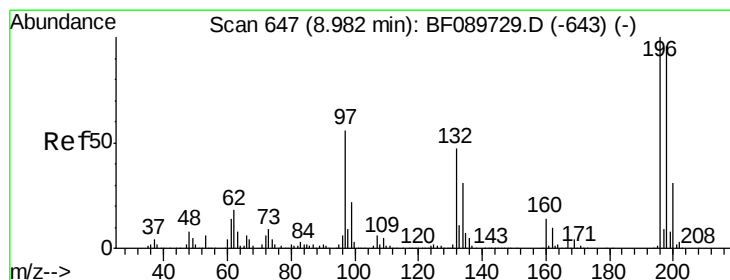
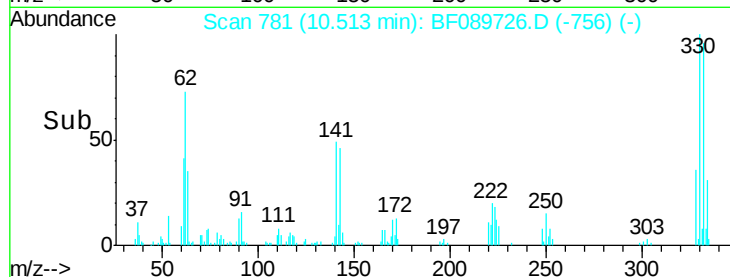
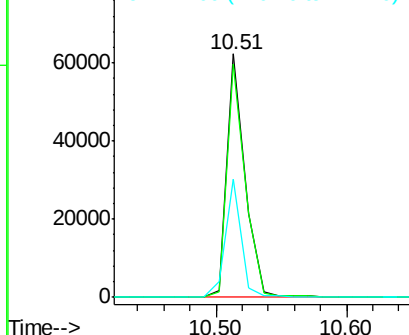
#41
 2,4,6-Tribromophenol
 Concen: 2.38 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 60400
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.7 115.1
 141 42.7 30.2 45.2

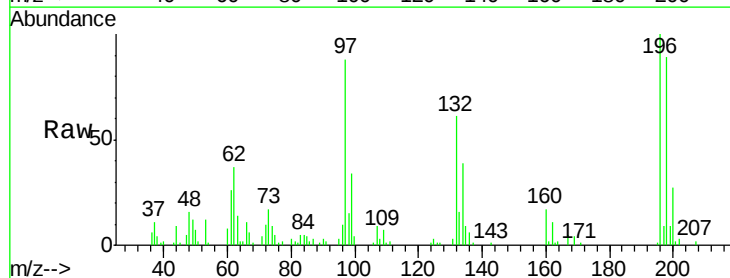


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

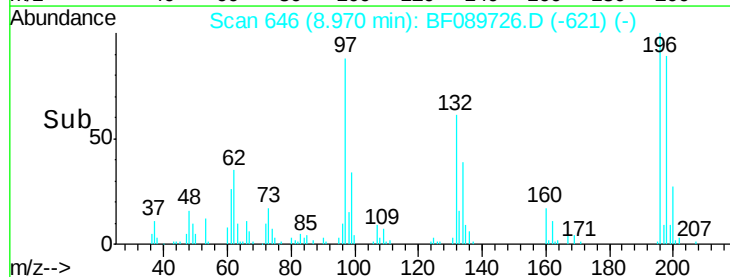
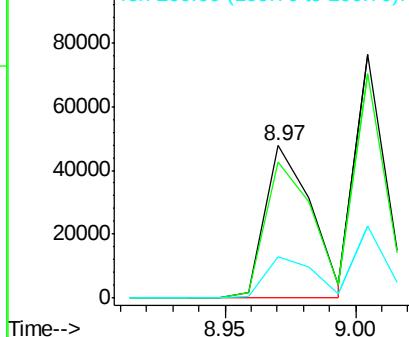


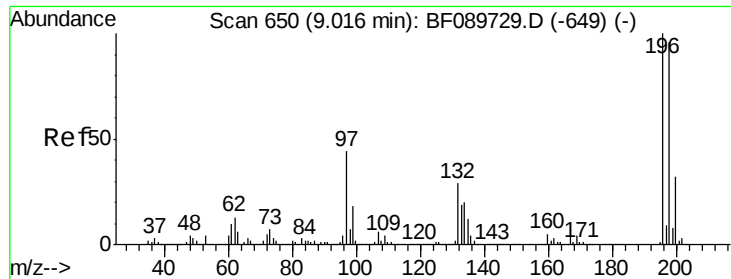
#42
 2,4,6-Trichlorophenol
 Concen: 2.26 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion:196 Resp: 58131
 Ion Ratio Lower Upper
 196 100
 198 89.1 76.3 114.5
 200 27.3 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

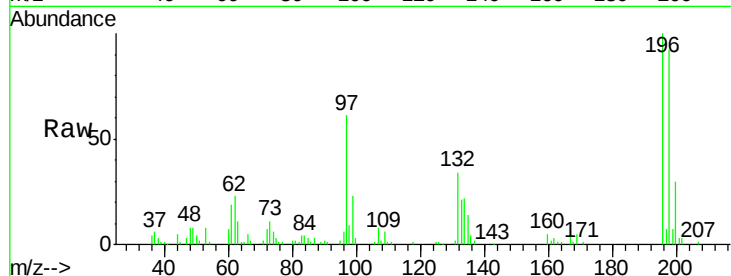




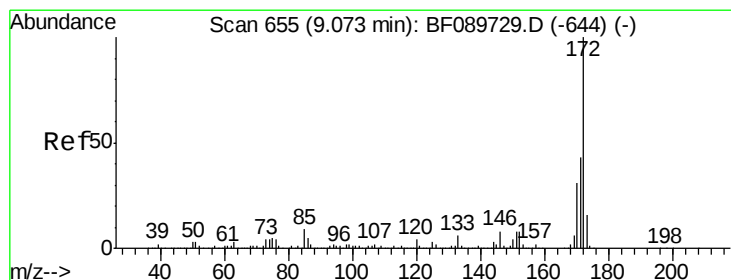
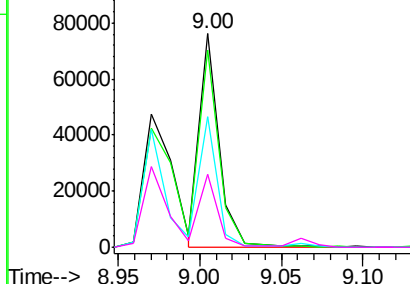
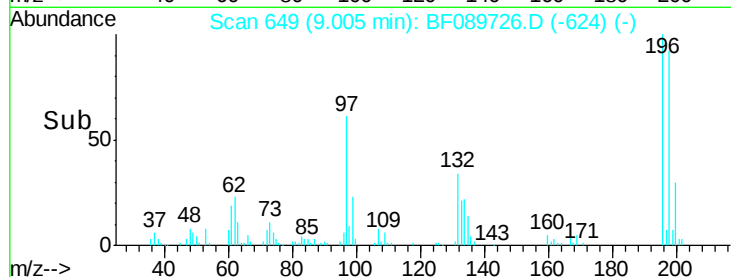
#43
 2,4,5-Trichlorophenol
 Concen: 2.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 64941
 Ion Ratio Lower Upper
 196 100
 198 92.2 76.6 114.8
 97 61.0 35.8 53.8#
 132 34.0 23.5 35.3

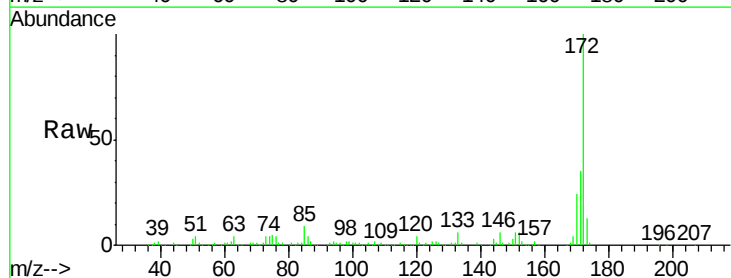


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

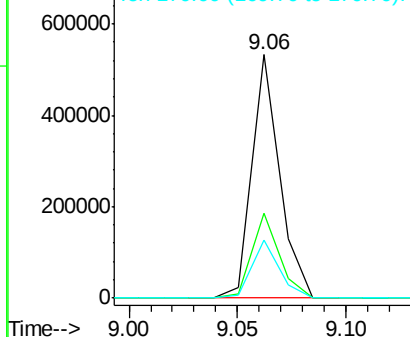
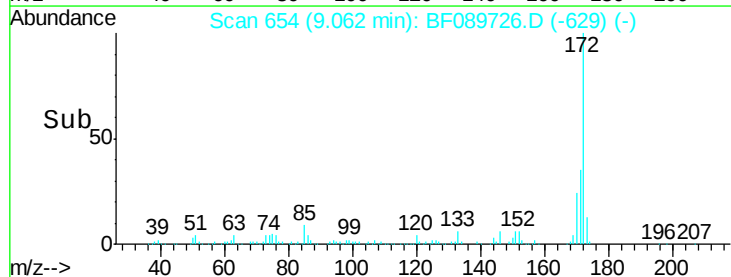


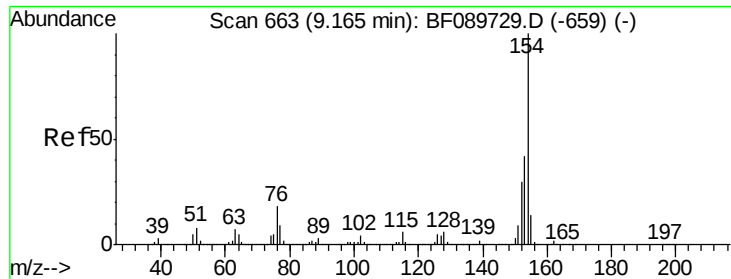
#44
 2-Fluorobiphenyl
 Concen: 3.20 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion:172 Resp: 469938
 Ion Ratio Lower Upper
 172 100
 171 34.9 30.5 45.7
 170 23.9 20.6 31.0



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

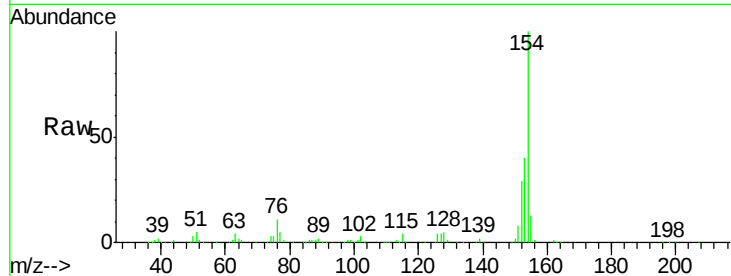




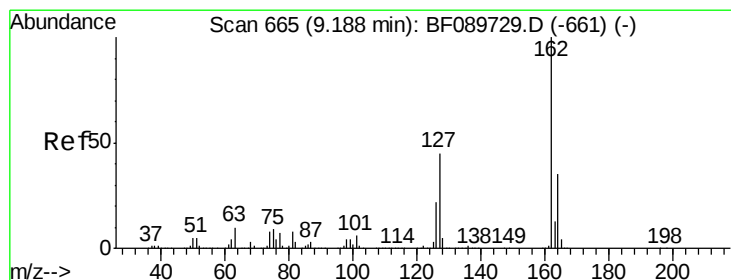
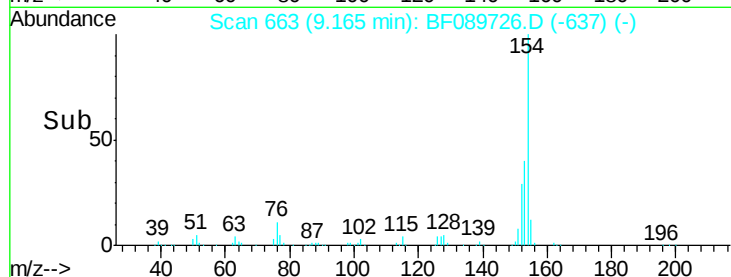
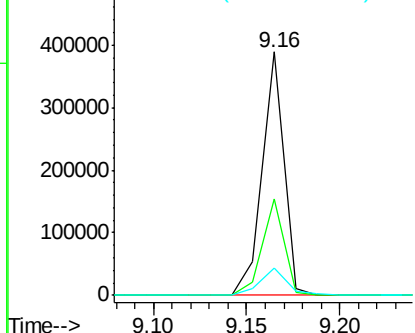
#45
 1,1'-Biphenyl
 Concen: 2.93 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.7	21.5	61.5
76	11.4	0.0	36.7

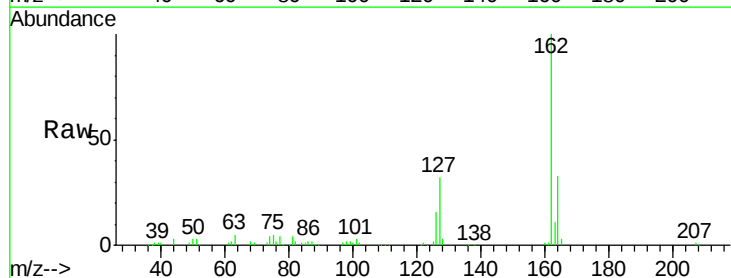


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

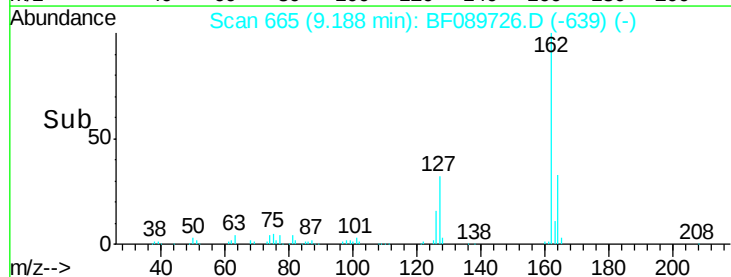
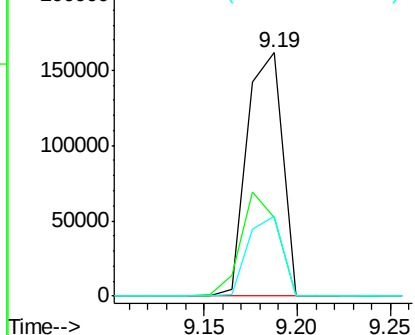


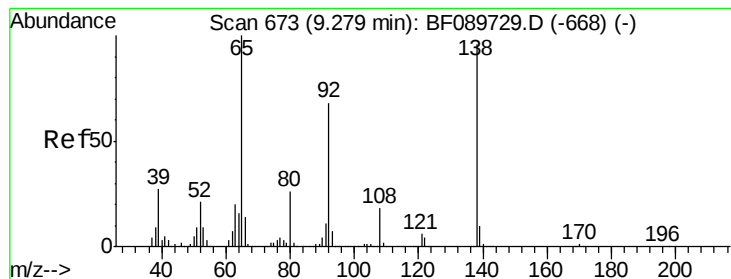
#46
 2-Chloronaphthalene
 Concen: 2.75 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.2	35.5	53.3#
164	32.7	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: 1.89 ng

RT: 9.28 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

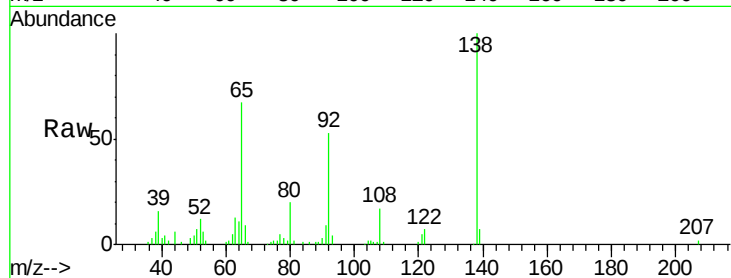
Tot Ion: 65 Resp: 46906

Ion Ratio Lower Upper

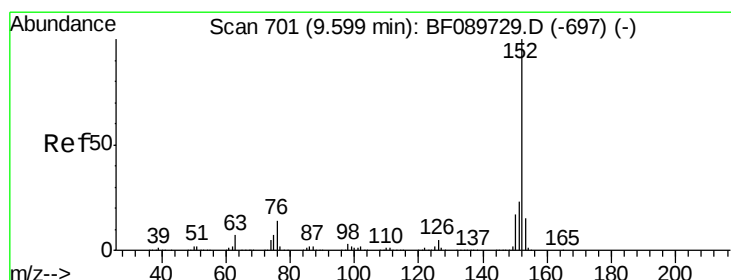
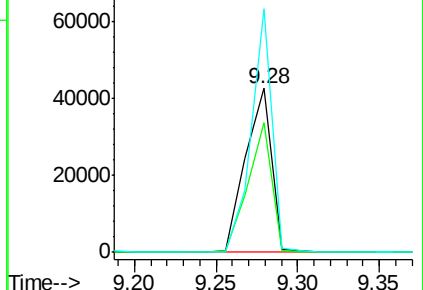
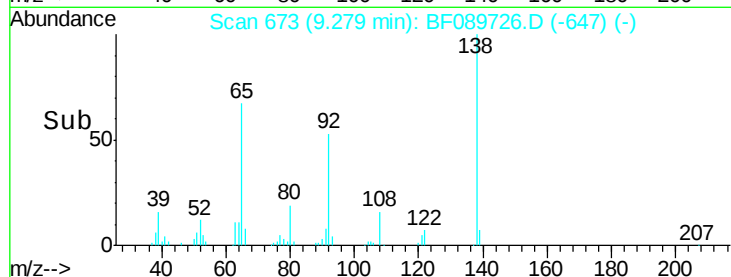
65 100

92 78.8 56.3 84.5

138 148.5 81.8 122.8#



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



#48

Acenaphthylene

Concen: 2.71 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

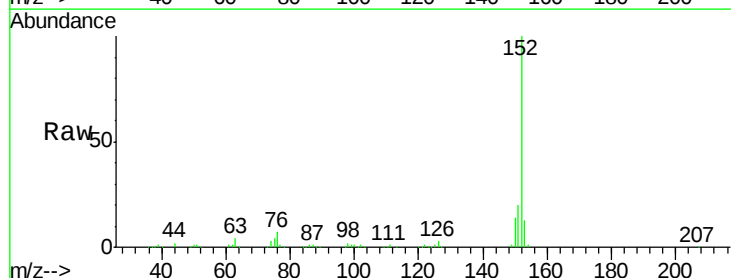
Tgt Ion:152 Resp: 327620

Ion Ratio Lower Upper

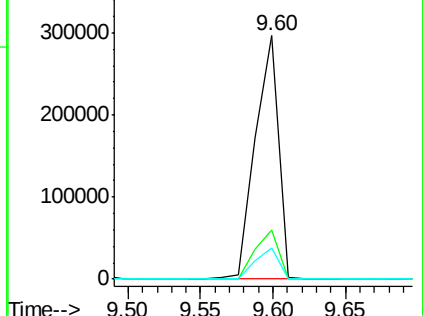
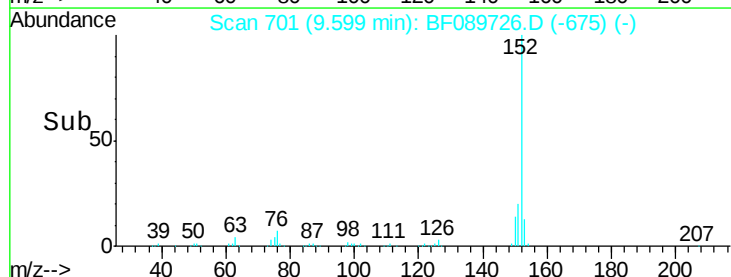
152 100

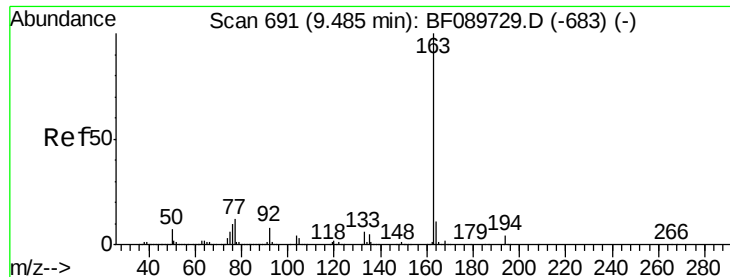
151 19.9 17.1 25.7

153 12.8 11.2 16.8



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





#49

Dimethylphthalate

Concen: 3.00 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

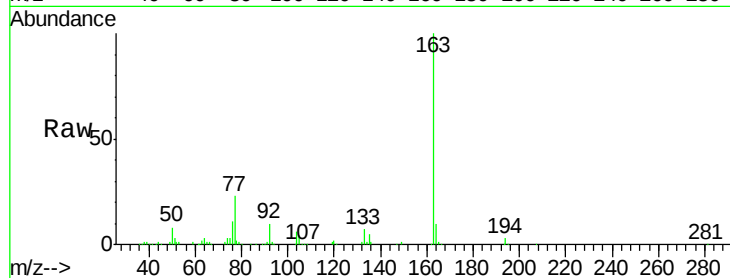
Tot Ion:163 Resp: 269267

Ion Ratio Lower Upper

163 100

194 3.1 2.6 3.8

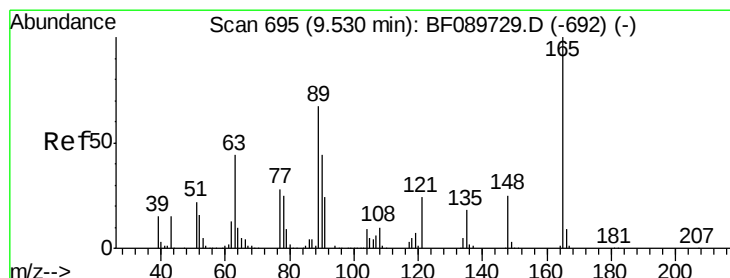
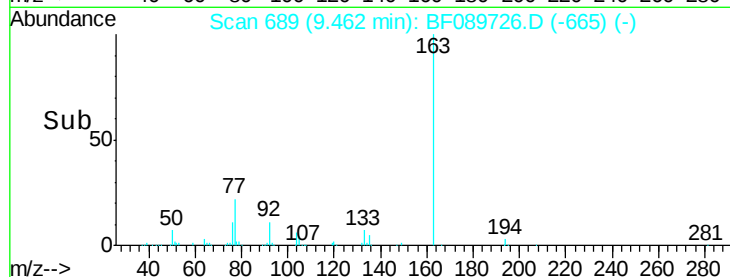
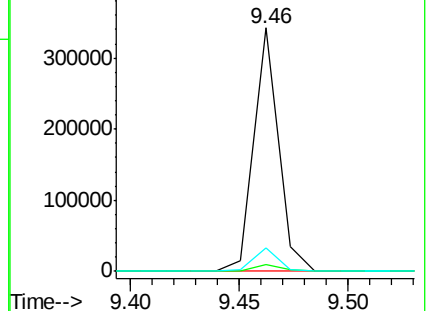
164 9.9 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.55 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

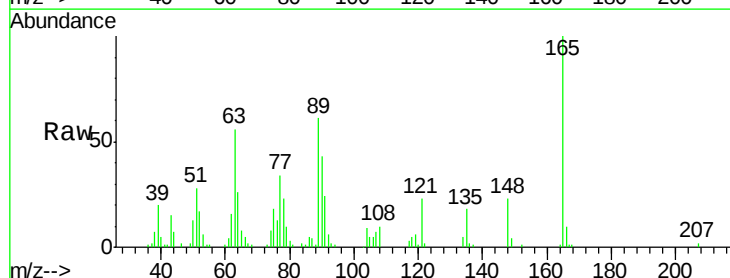
Tgt Ion:165 Resp: 50737

Ion Ratio Lower Upper

165 100

63 55.9 41.7 62.5

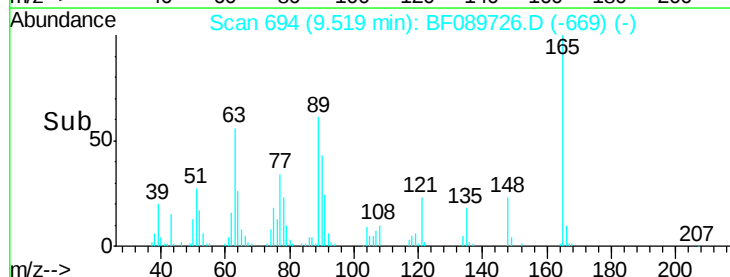
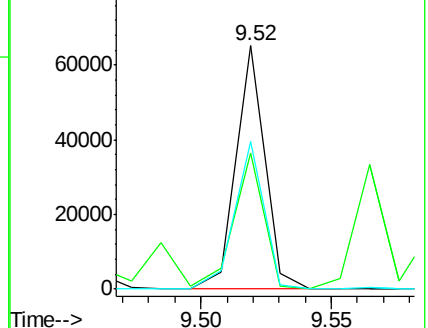
89 60.9 44.6 67.0

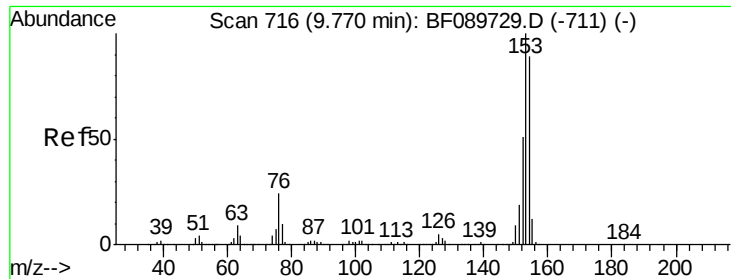


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.83 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

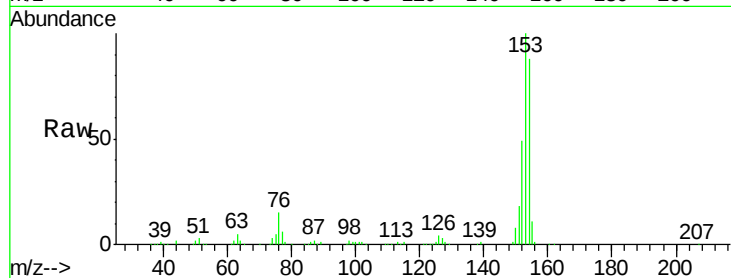
Tot Ion:154 Resp: 224484

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

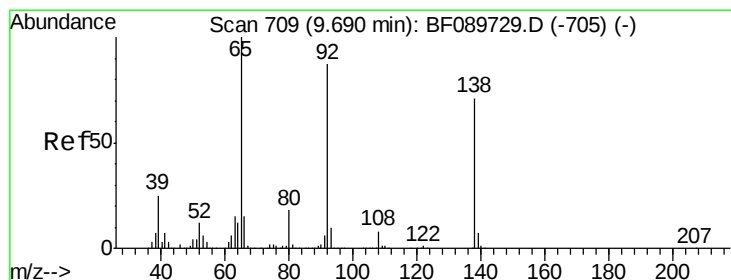
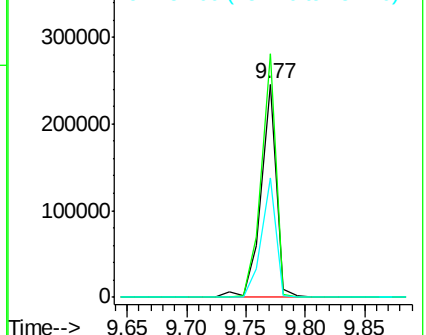
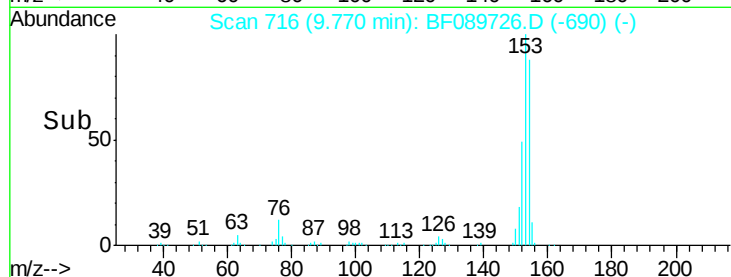
152 56.3 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.16 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

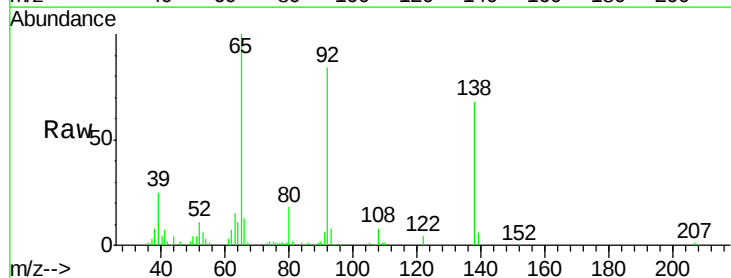
Tgt Ion:138 Resp: 55793

Ion Ratio Lower Upper

138 100

108 12.5 8.1 12.1#

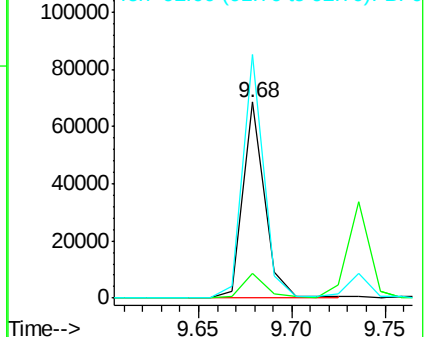
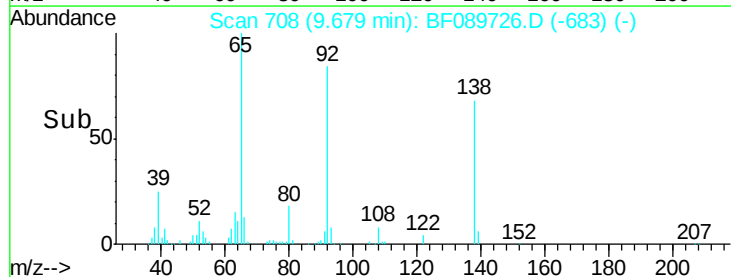
92 124.2 92.7 139.1

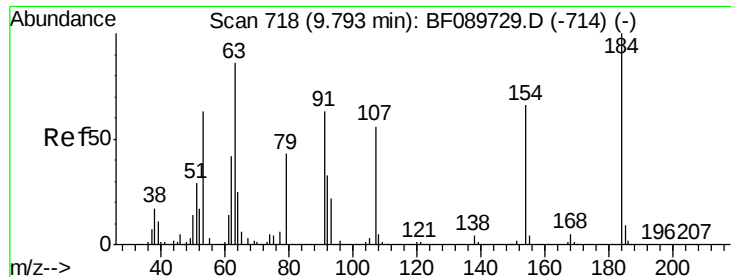


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

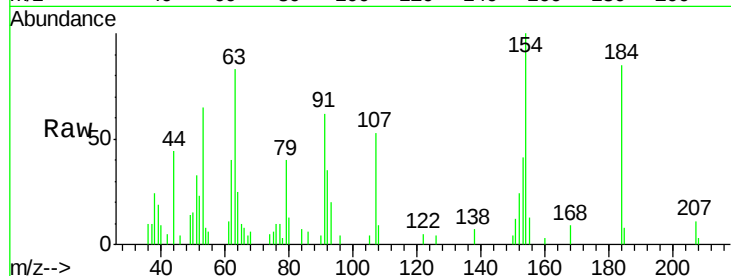




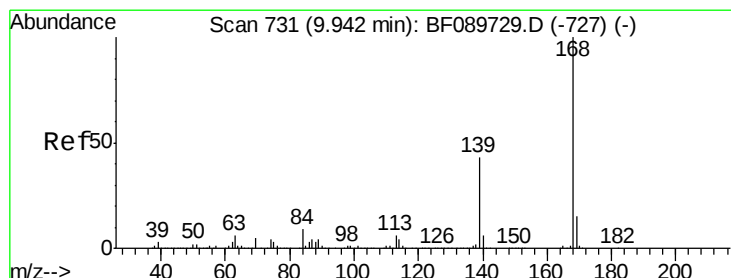
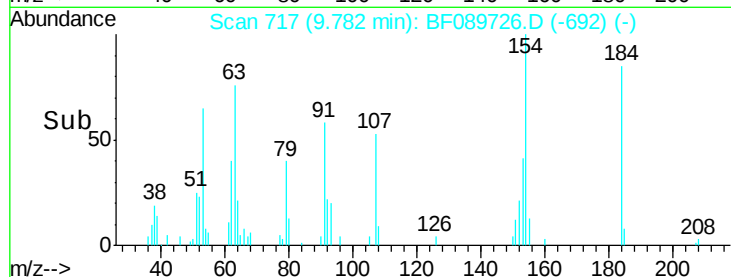
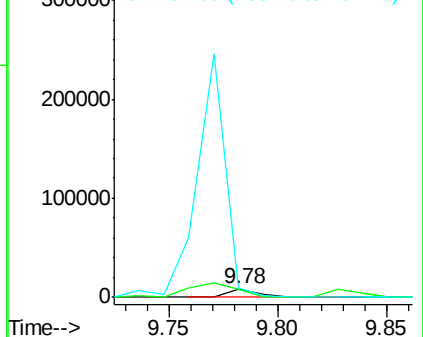
#53
2,4-Dinitrophenol
Concen: 1.10 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 7792
Ion Ratio Lower Upper
184 100
63 97.5 54.2 81.4#
154 117.3 52.7 79.1#

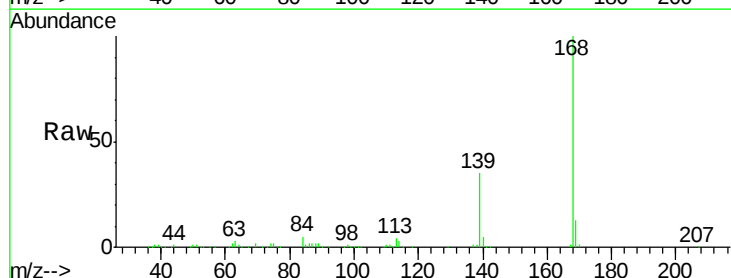


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

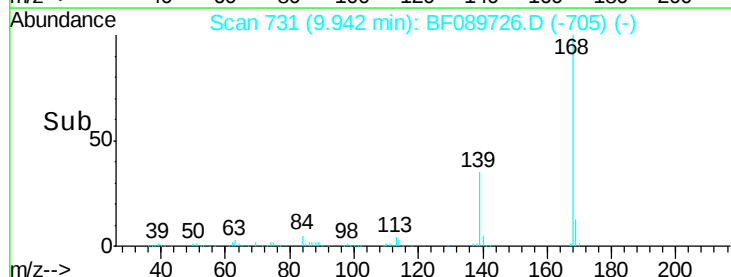
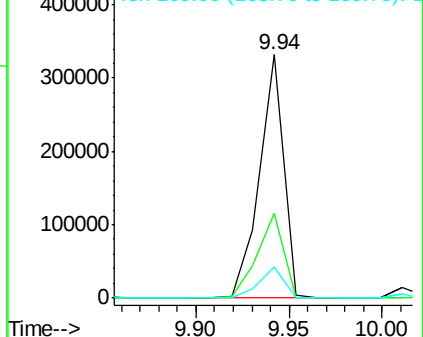


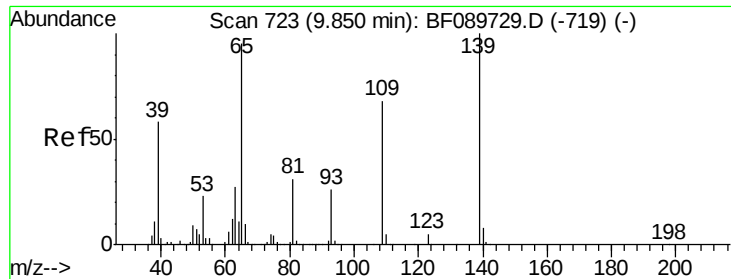
#54
Dibenzofuran
Concen: 2.62 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:168 Resp: 294397
Ion Ratio Lower Upper
168 100
139 35.0 34.6 52.0
169 12.8 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: 1.67 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

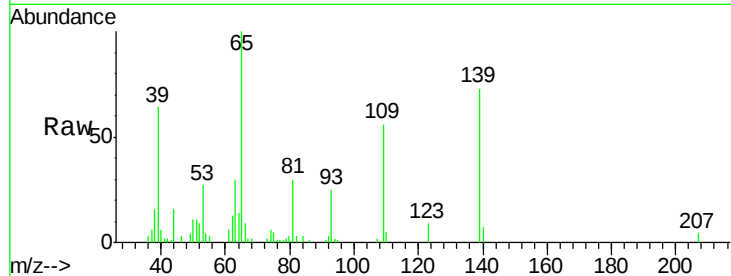
Tot Ion:139 Resp: 32835

Ion Ratio Lower Upper

139 100

109 77.5 43.0 83.0

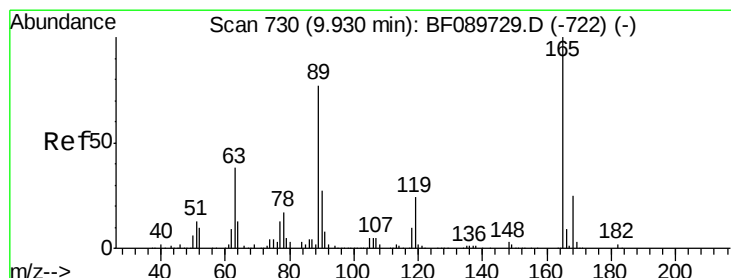
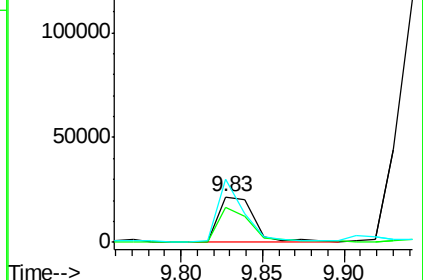
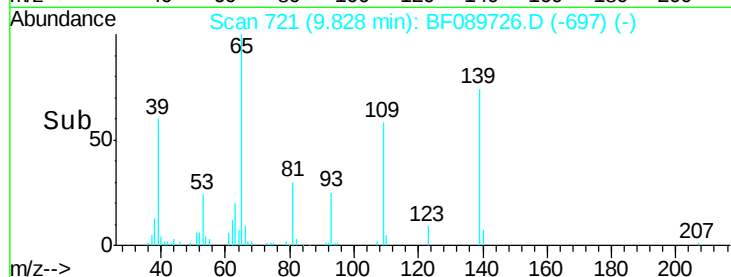
65 137.2 55.7 95.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 2.22 ng

RT: 9.92 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Tgt Ion:165 Resp: 56927

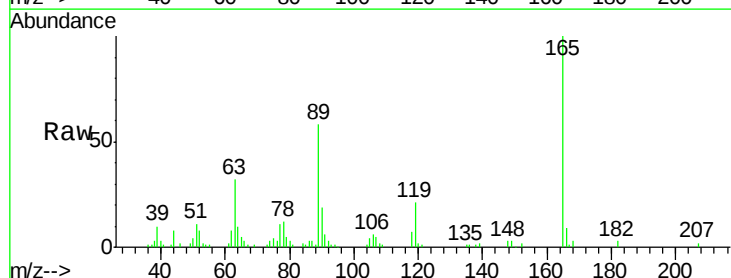
Ion Ratio Lower Upper

165 100

63 31.6 23.7 35.5

89 58.2 44.0 66.0

182 2.6 2.0 3.0

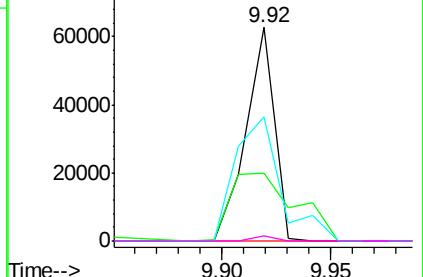
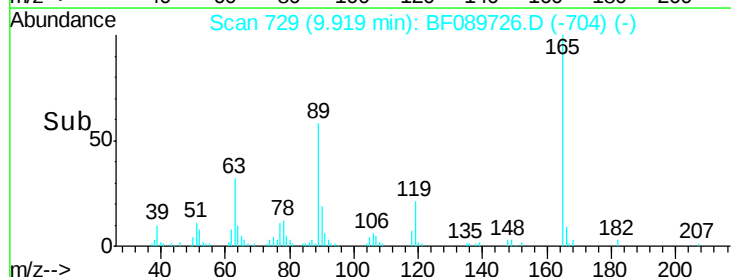


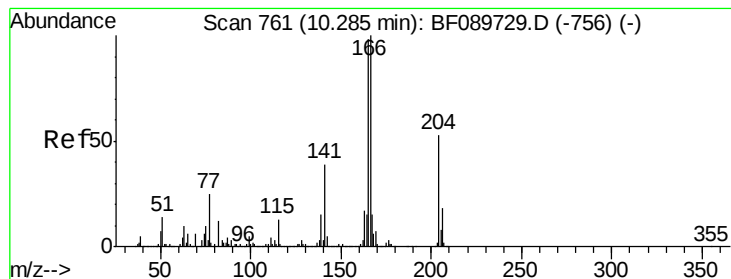
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 2.92 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

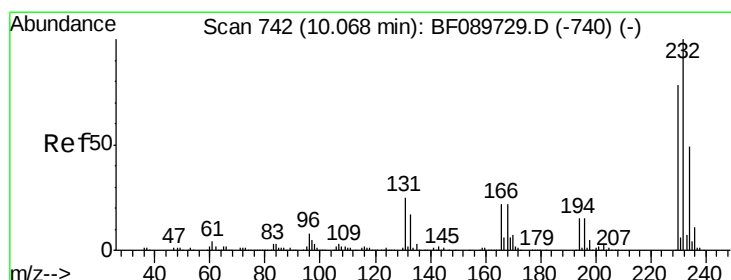
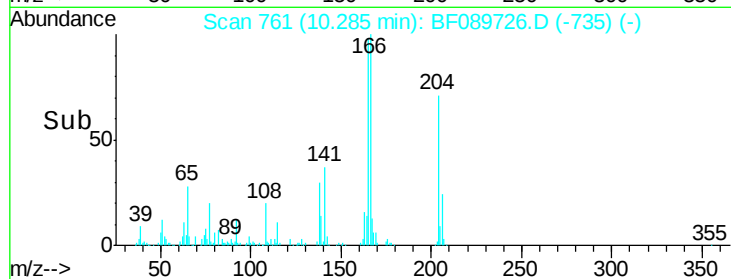
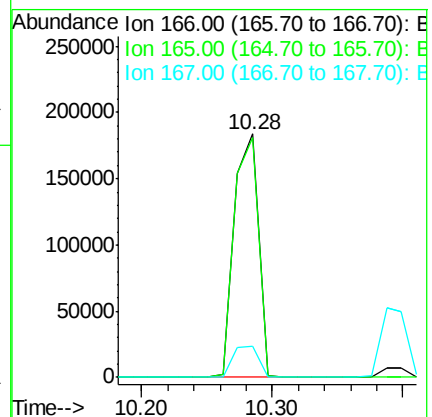
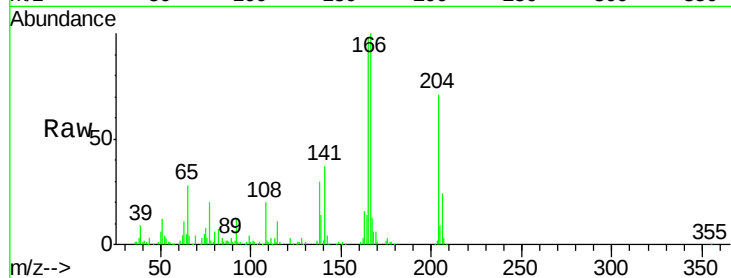
Tot Ion:166 Resp: 235598

Ion Ratio Lower Upper

166 100

165 98.4 80.2 120.4

167 12.9 11.3 16.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 2.34 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Tgt Ion:232 Resp: 49390

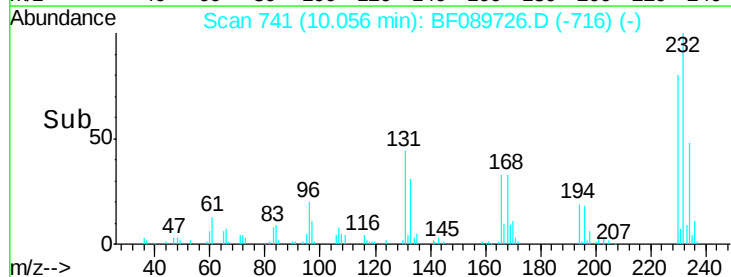
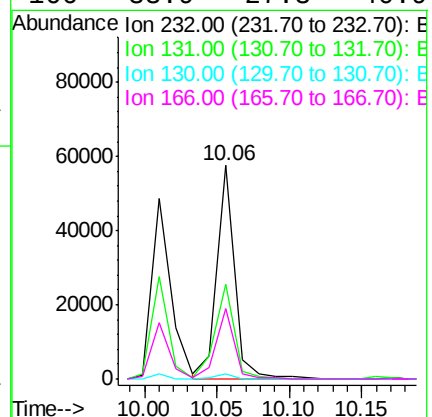
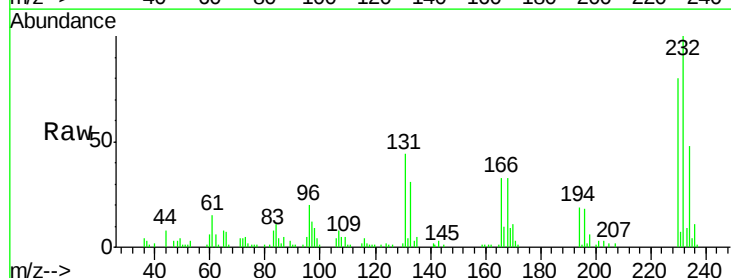
Ion Ratio Lower Upper

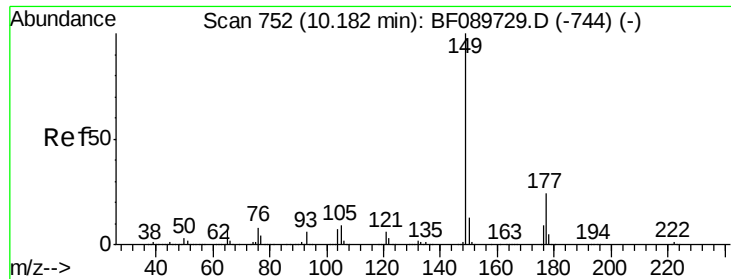
232 100

131 48.2 42.5 63.7

130 2.5 2.2 3.4

166 33.9 27.3 40.9

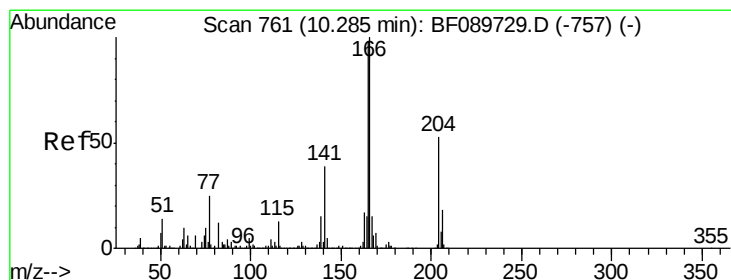
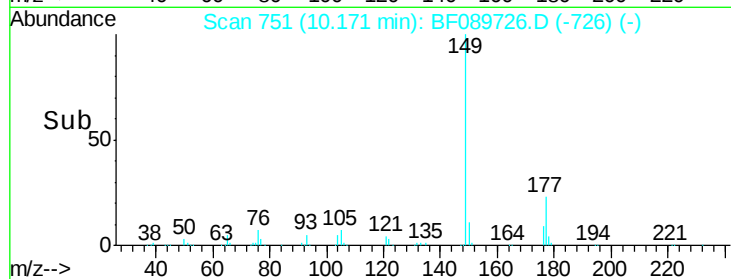
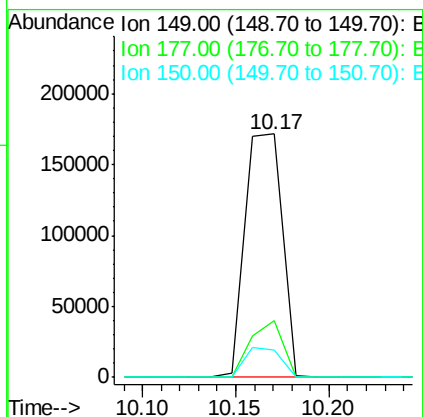
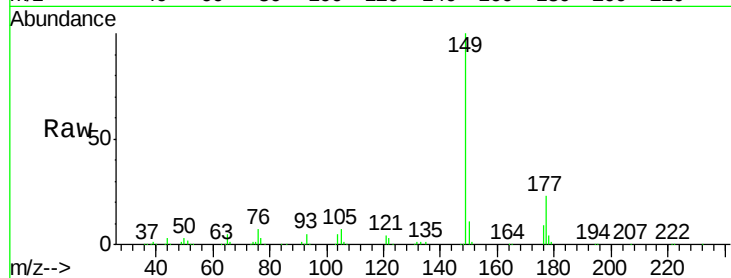




#59
Diethylphthalate
Concen: 2.59 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

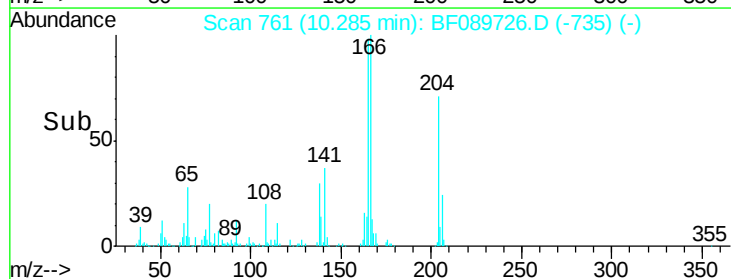
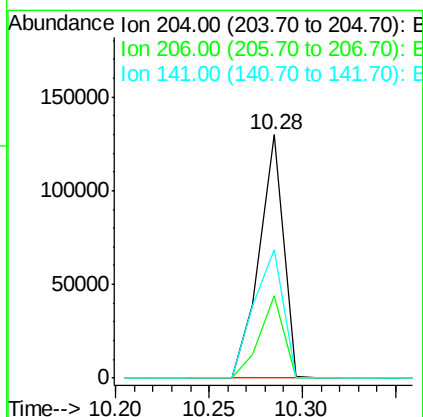
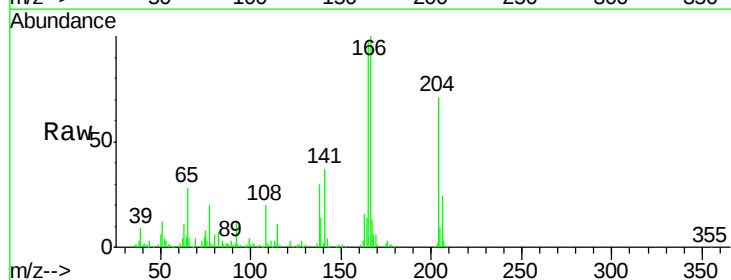
Instrument :
BNA_F
ClientSampled :

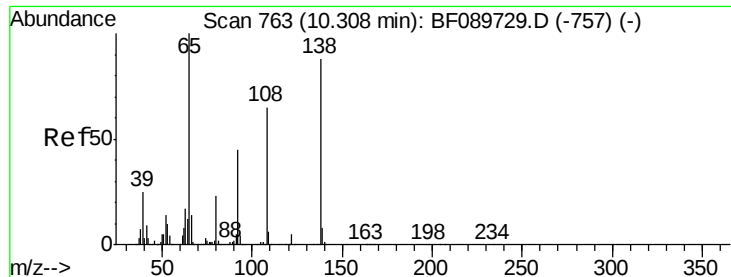
Tot Ion:149 Resp: 237233
Ion Ratio Lower Upper
149 100
177 23.1 16.6 25.0
150 11.0 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 3.29 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:204 Resp: 116944
Ion Ratio Lower Upper
204 100
206 33.9 26.5 39.7
141 52.5 54.1 81.1#

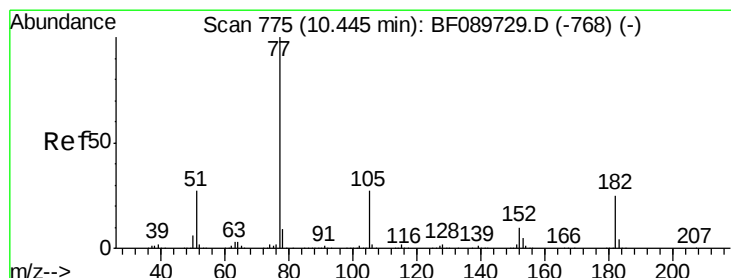
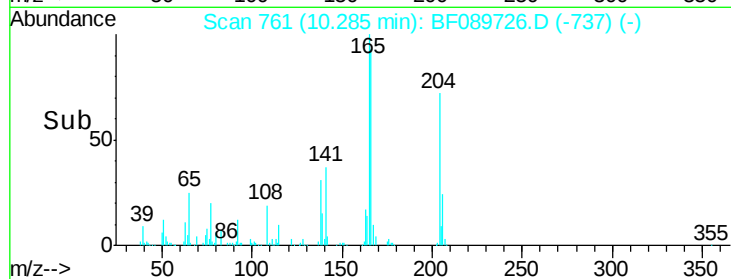
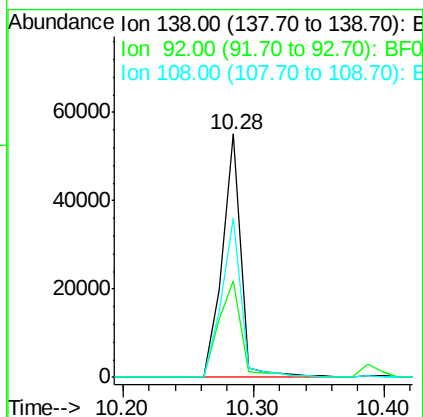
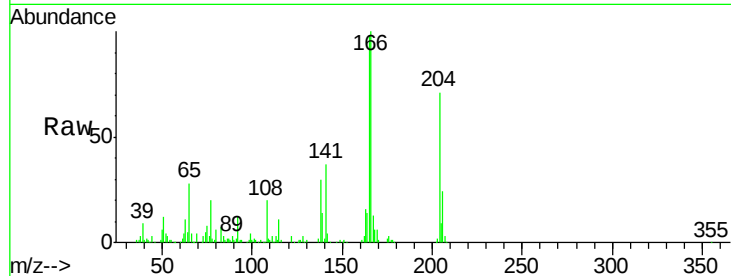




#61
4-Nitroaniline
Concen: 2.43 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

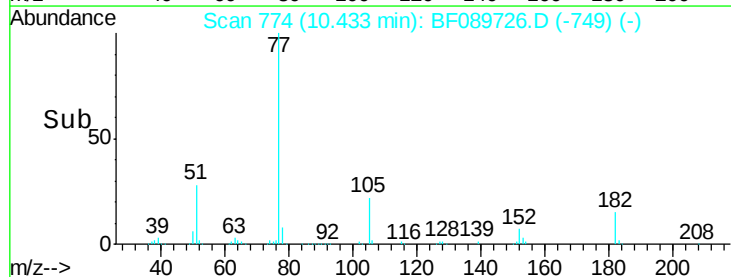
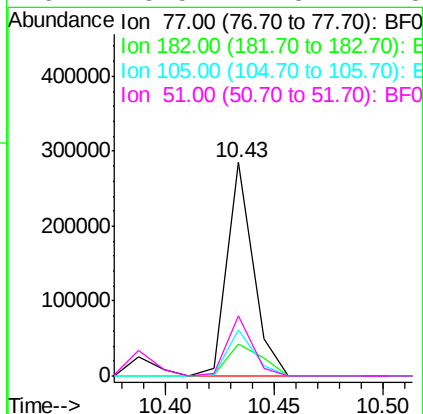
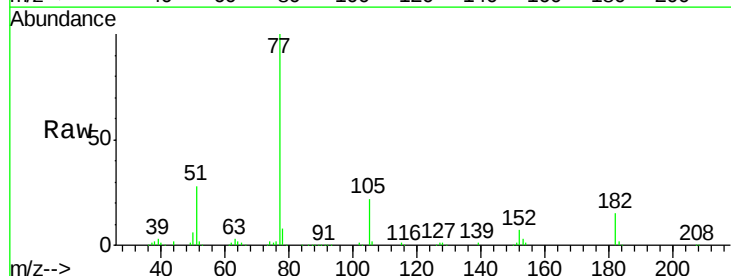
Instrument :
BNA_F
ClientSampleId :

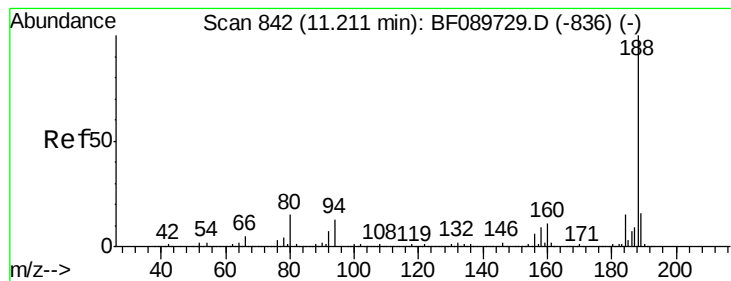
Tot Ion:138 Resp: 55348
Ion Ratio Lower Upper
138 100
92 39.4 26.4 66.4
108 65.5 47.0 87.0



#62
Azobenzene
Concen: 2.38 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion: 77 Resp: 236824
Ion Ratio Lower Upper
77 100
182 15.1 5.6 45.6
105 21.8 4.0 44.0
51 28.5 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :
BNA_F
ClientSampleId :

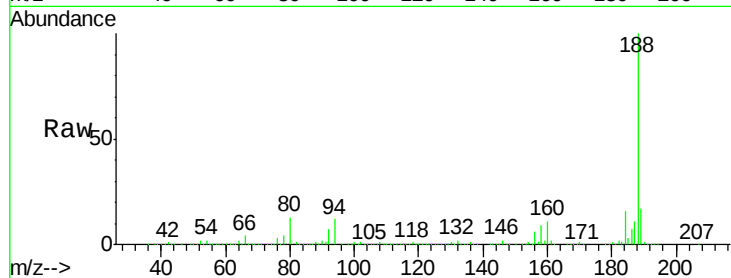
Tot Ion:188 Resp: 2310965

Ion Ratio Lower Upper

188 100

94 12.3 10.2 15.2

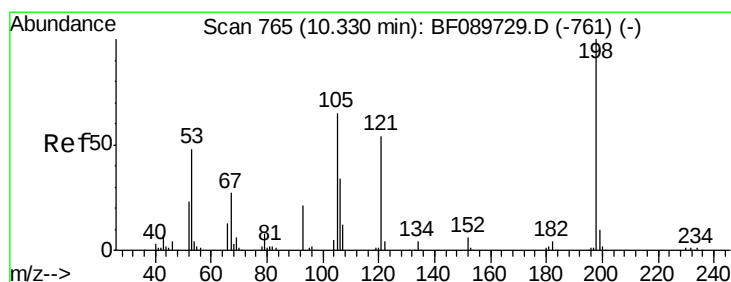
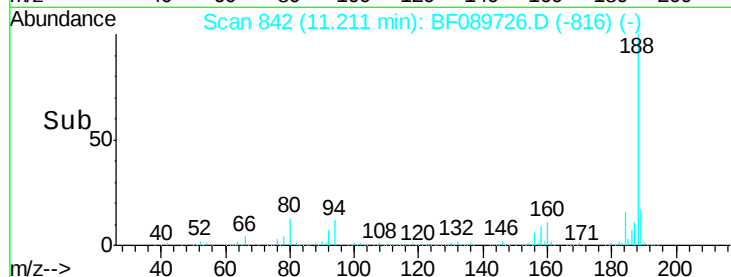
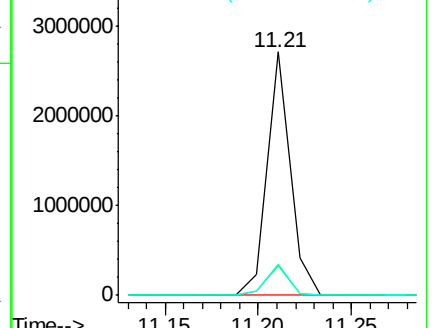
80 12.8 10.9 16.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 1.28 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

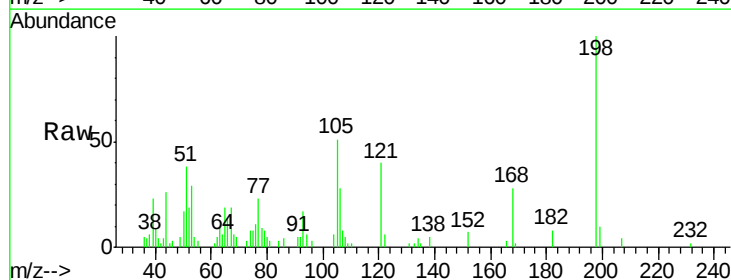
Tgt Ion:198 Resp: 15839

Ion Ratio Lower Upper

198 100

51 38.2 32.3 72.3

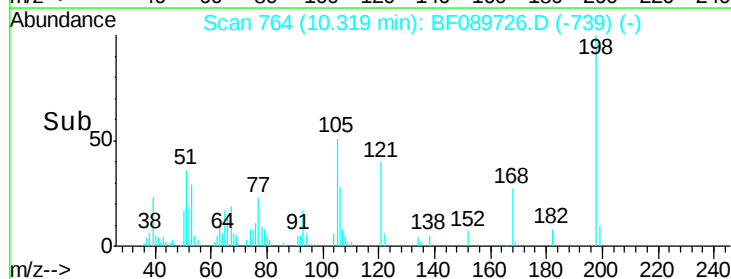
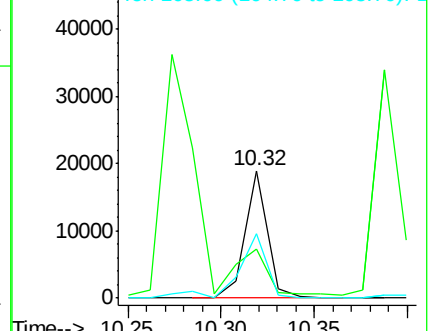
105 50.6 32.9 72.9

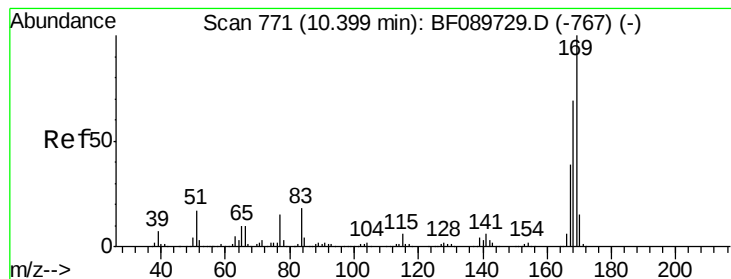


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 2.56 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

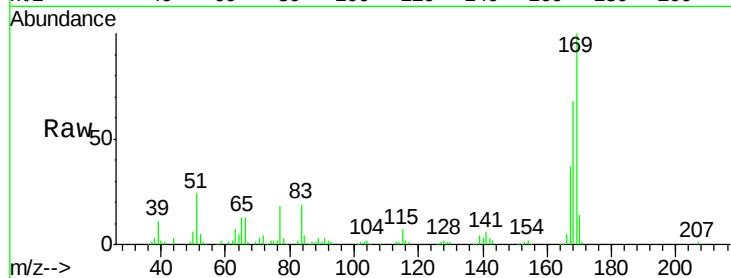
Tot Ion:169 Resp: 191082

Ion Ratio Lower Upper

169 100

168 68.1 54.6 82.0

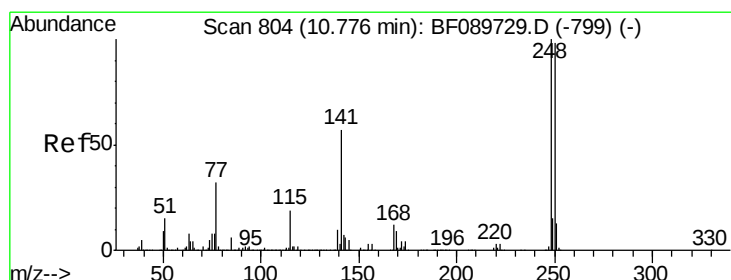
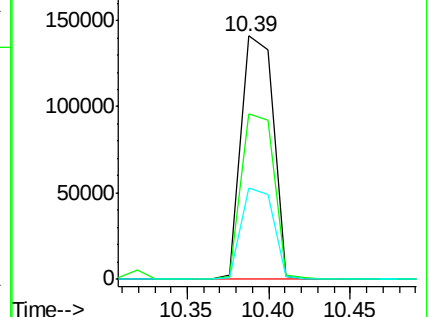
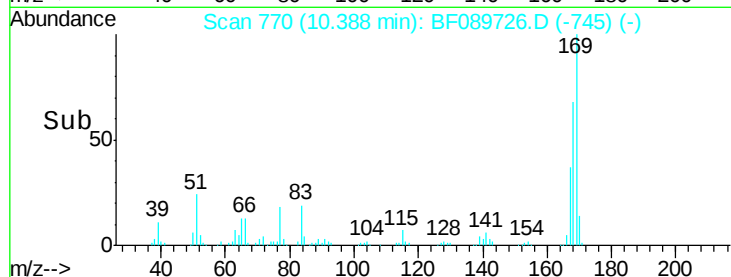
167 37.5 30.6 45.8



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: 2.80 ng

RT: 10.76 min Scan# 803

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

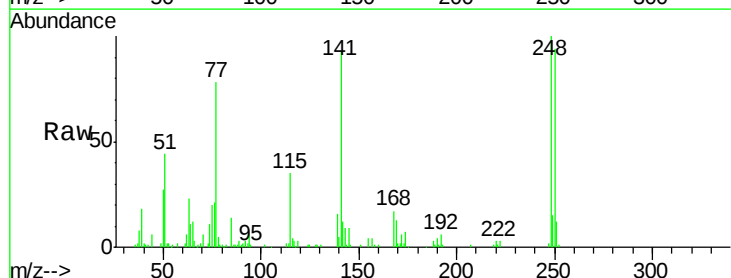
Tgt Ion:248 Resp: 66193

Ion Ratio Lower Upper

248 100

250 94.3 78.6 117.8

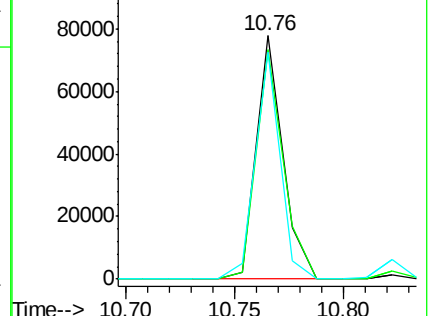
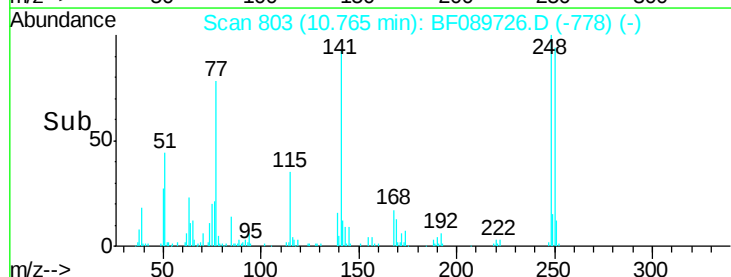
141 93.3 31.4 47.2#

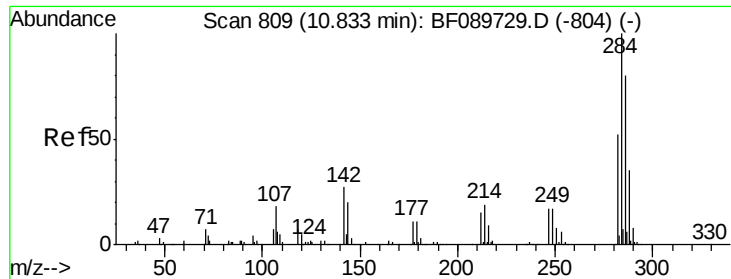


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

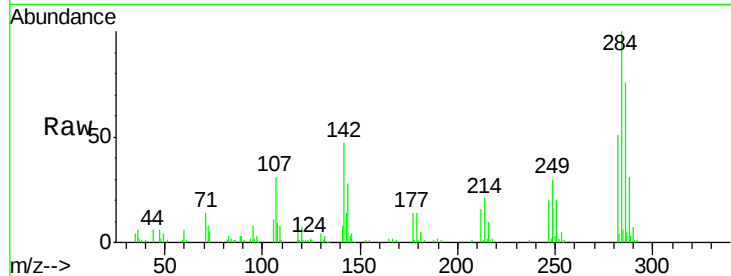




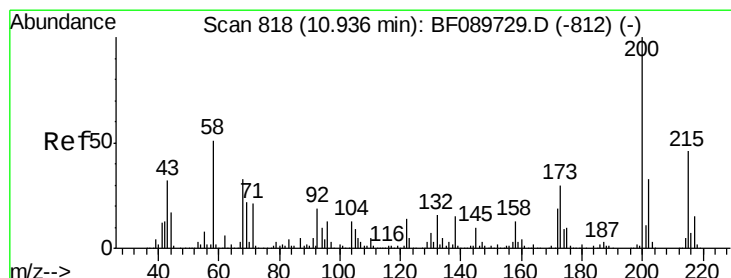
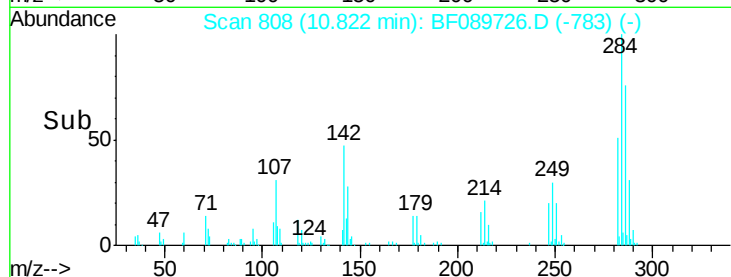
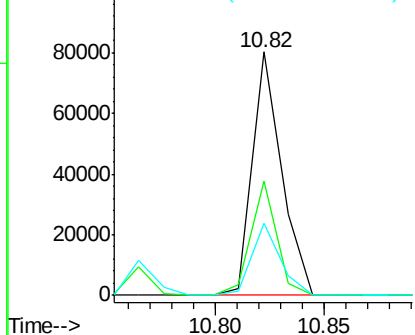
#67
Hexachlorobenzene
Concen: 2.82 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Instrument :
BNA_F
ClientSampled :

Tot Ion:284 Resp: 74933
Ion Ratio Lower Upper
284 100
142 46.7 17.4 26.2#
249 29.6 22.8 34.2

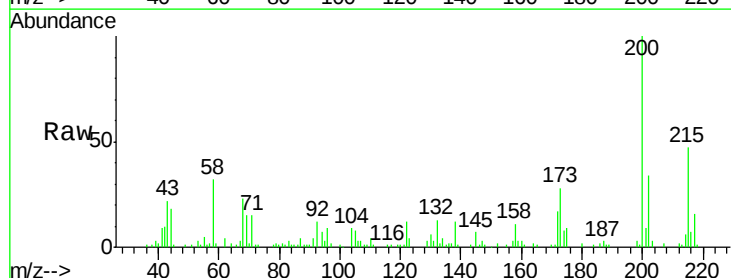


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

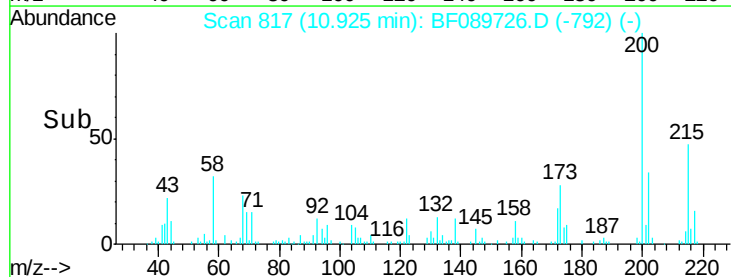
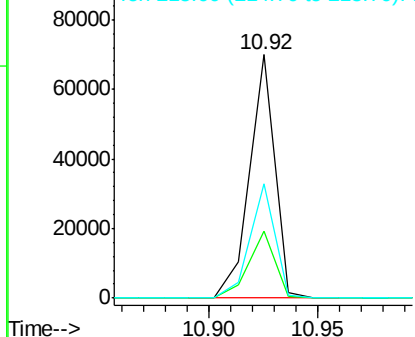


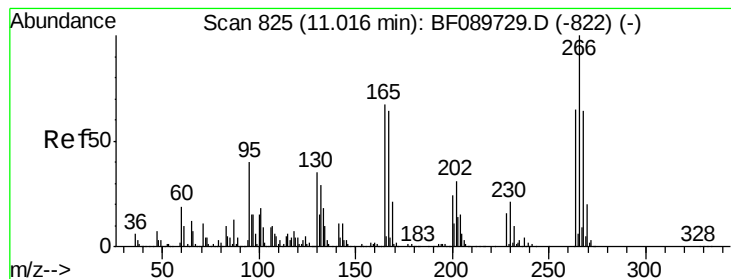
#68
Atrazine
Concen: 2.56 ng
RT: 10.92 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:200 Resp: 56197
Ion Ratio Lower Upper
200 100
173 27.7 6.6 46.6
215 47.0 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: 2.03 ng

RT: 11.02 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

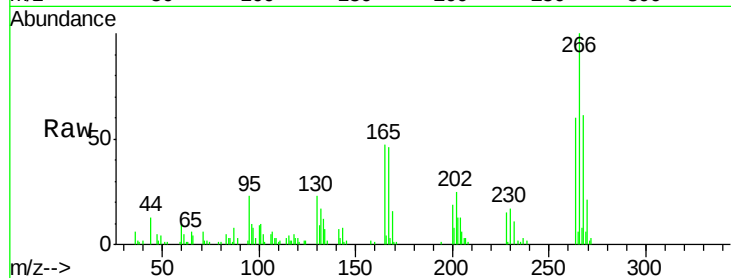
Tot Ion:266 Resp: 32466

Ion Ratio Lower Upper

266 100

268 60.9 53.2 79.8

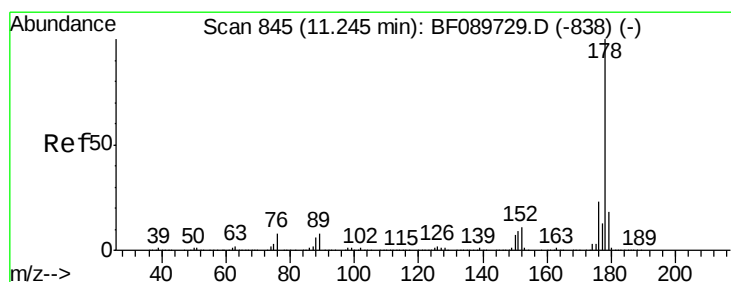
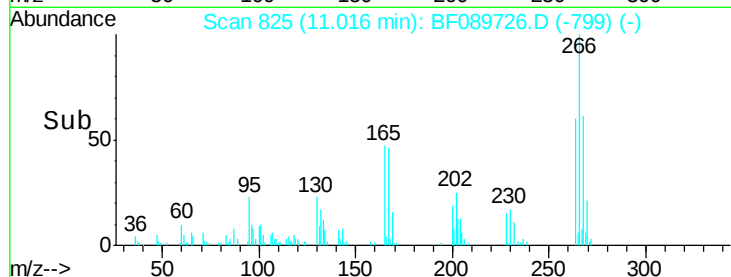
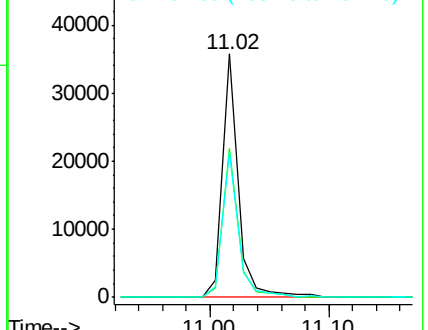
264 59.6 51.1 76.7



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: 3.42 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

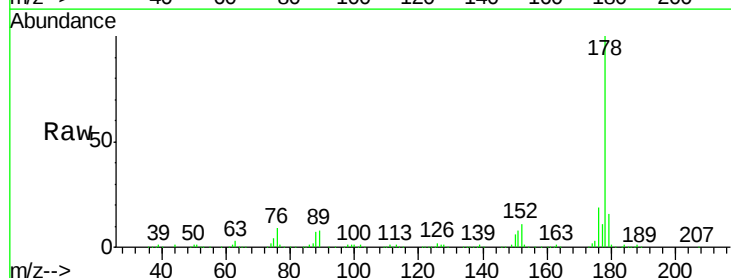
Tgt Ion:178 Resp: 392125

Ion Ratio Lower Upper

178 100

176 19.5 16.4 24.6

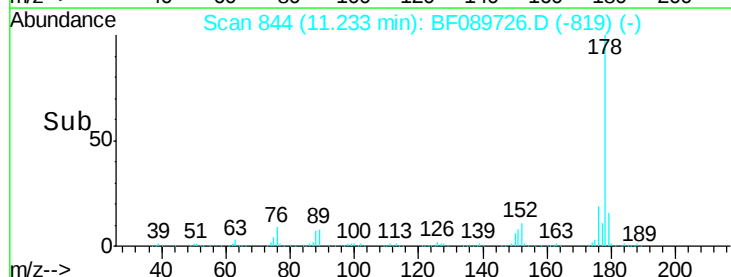
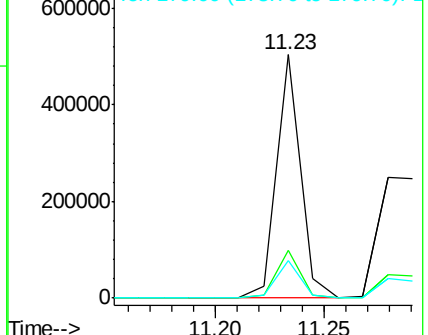
179 15.6 12.5 18.7

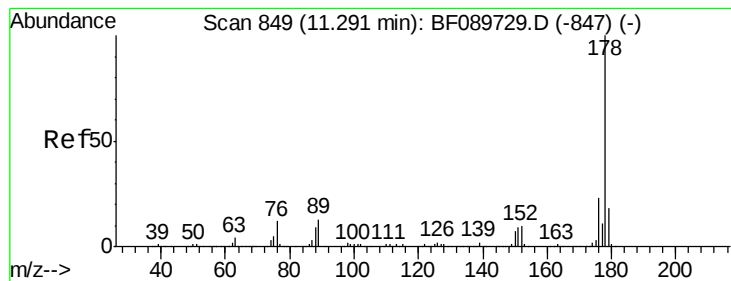


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 2.92 ng

RT: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

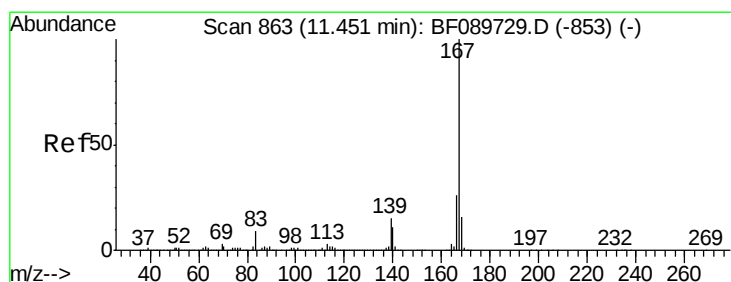
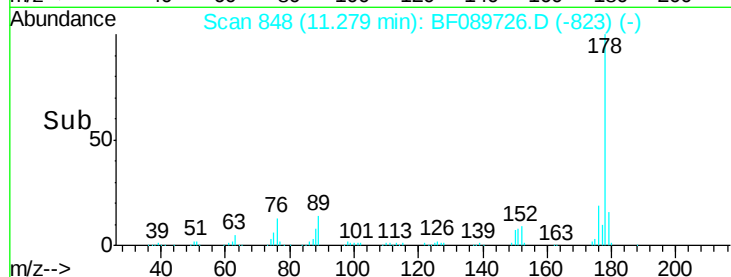
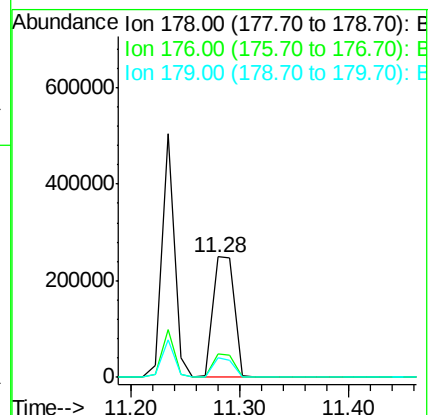
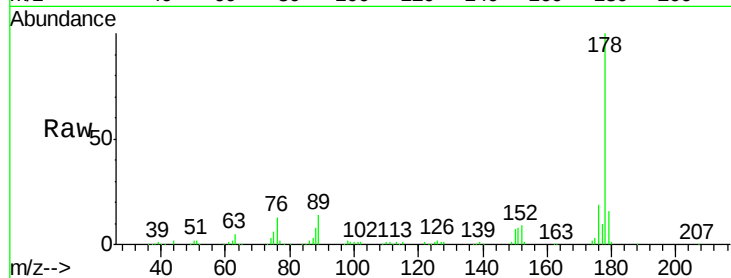
Tot Ion:178 Resp: 349720

Ion Ratio Lower Upper

178 100

176 19.3 16.4 24.6

179 15.9 13.1 19.7



#72

Carbazole

Concen: 2.99 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

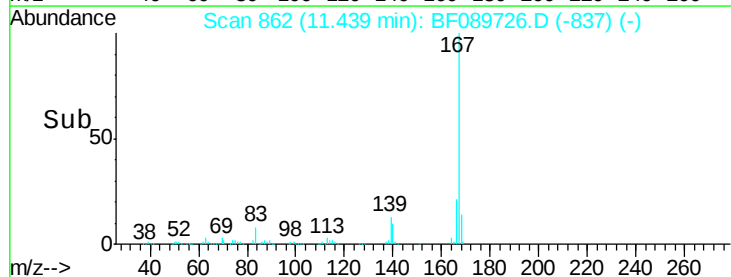
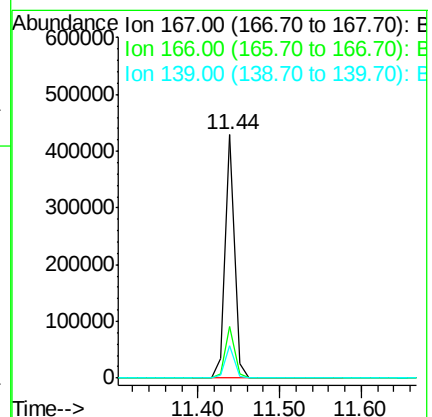
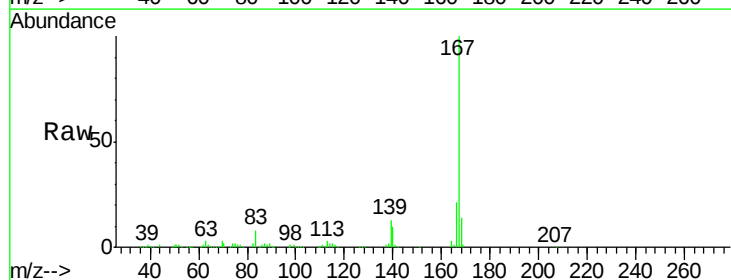
Tgt Ion:167 Resp: 341291

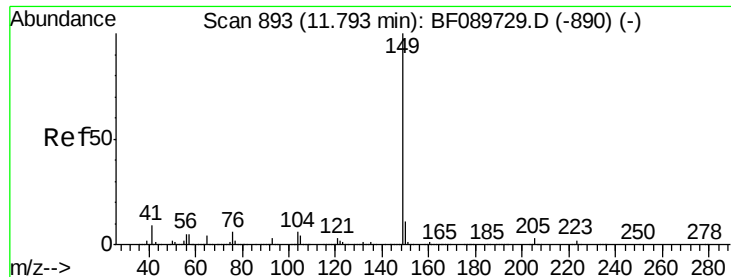
Ion Ratio Lower Upper

167 100

166 21.4 17.9 26.9

139 13.2 12.4 18.6





#73

Di-n-butylphthalate

Concen: 2.87 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

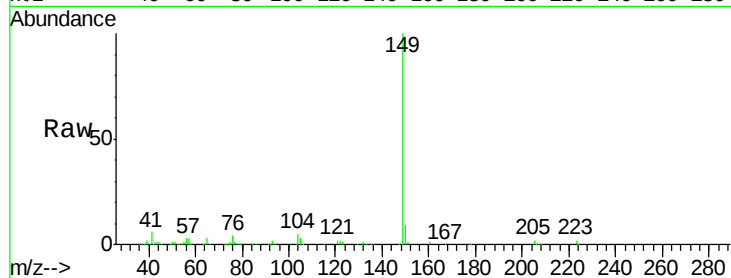
Tot Ion:149 Resp: 378109

Ion Ratio Lower Upper

149 100

150 8.9 7.9 11.9

104 5.0 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

11.79

400000

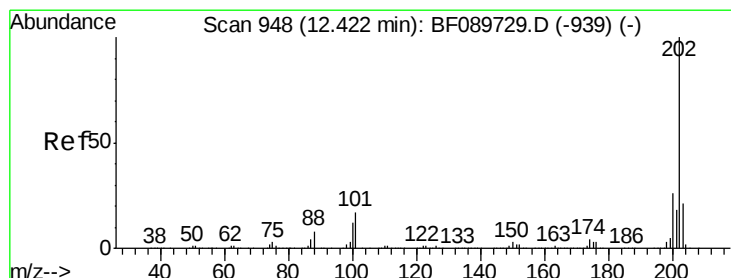
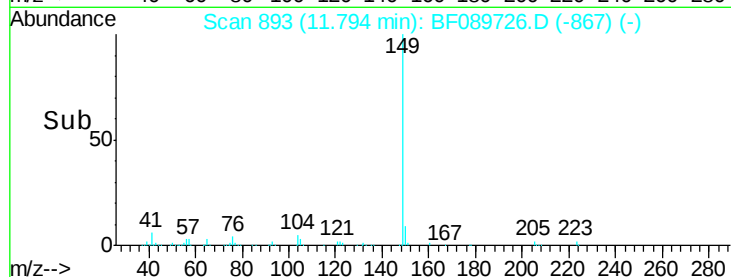
300000

200000

100000

0

Time-->



#74

Fluoranthene

Concen: 2.75 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

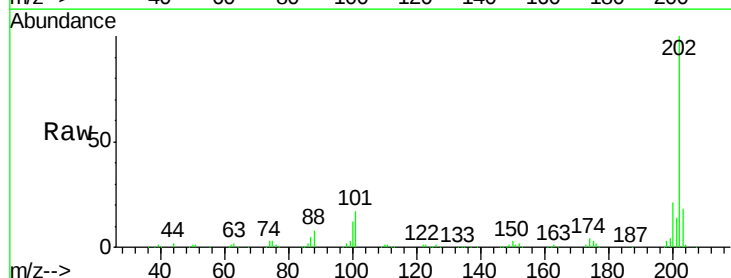
Tgt Ion:202 Resp: 332551

Ion Ratio Lower Upper

202 100

101 17.1 0.0 31.2

203 17.6 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

12.41

400000

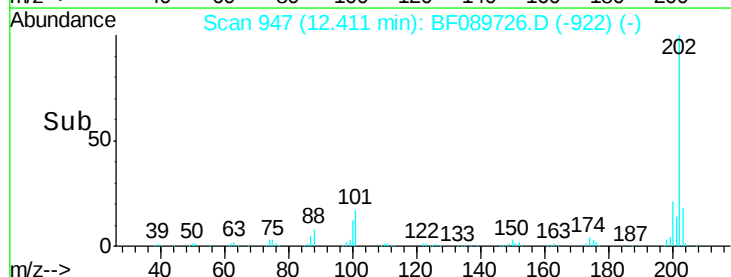
300000

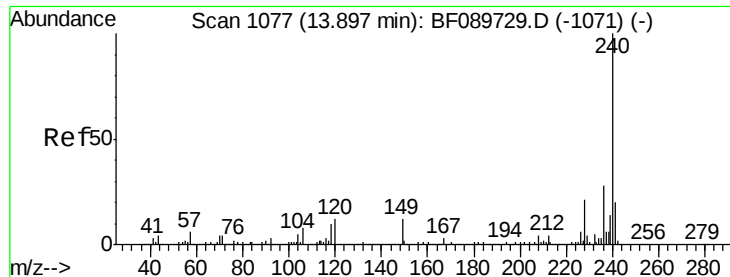
200000

100000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampled :

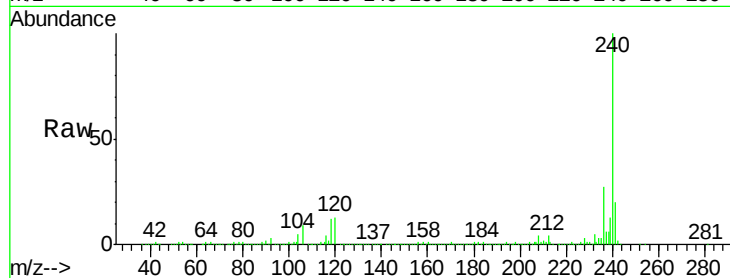
Tot Ion:240 Resp: 2050748

Ion Ratio Lower Upper

240 100

120 13.2 8.3 12.5#

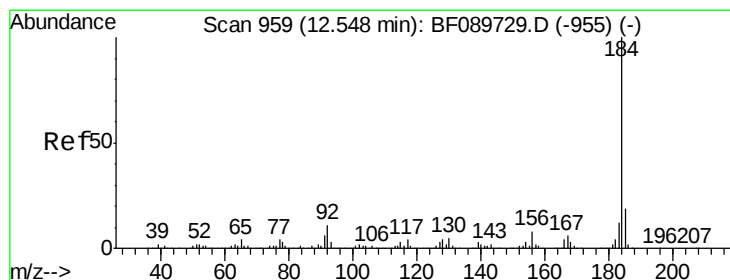
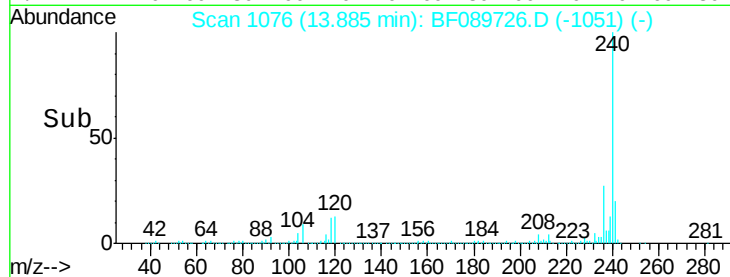
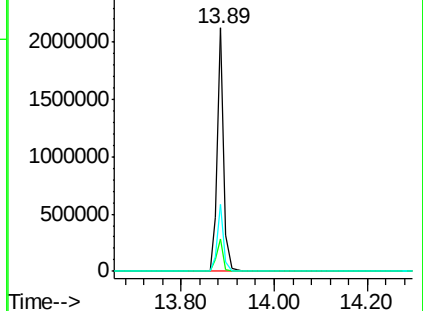
236 27.3 21.3 31.9



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: 2.33 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

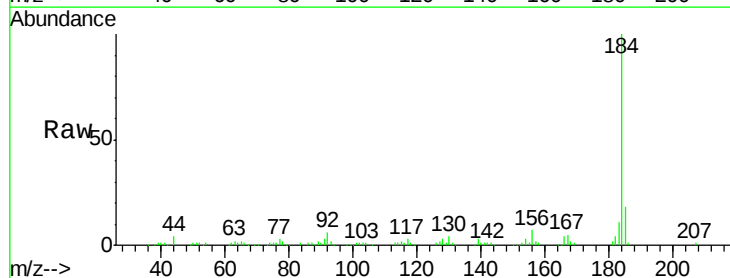
Tgt Ion:184 Resp: 163431

Ion Ratio Lower Upper

184 100

185 17.9 13.8 20.8

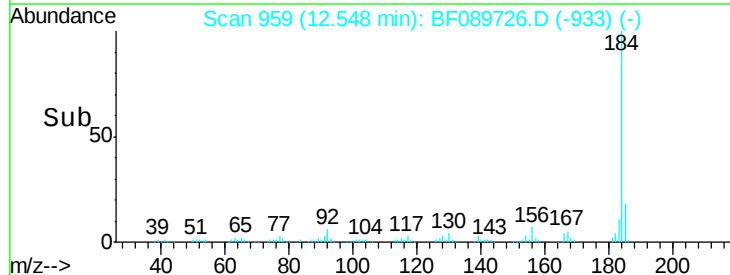
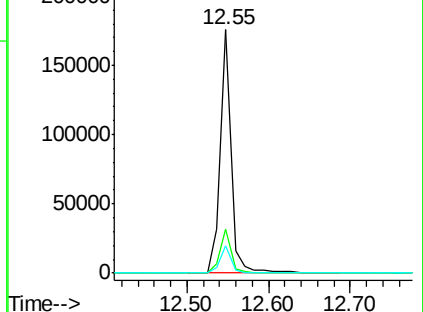
183 11.2 9.7 14.5

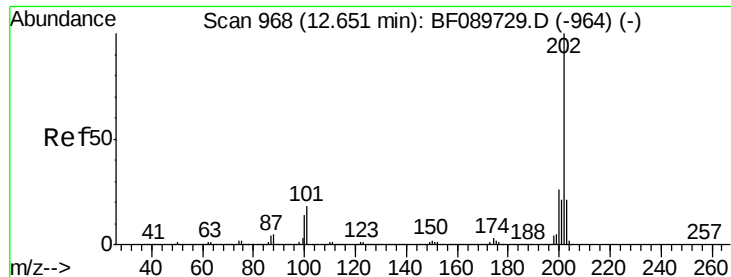


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 2.82 ng

RT: 12.64 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

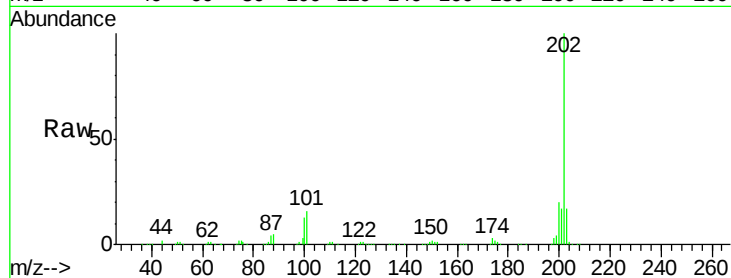
Tot Ion:202 Resp: 370671

Ion Ratio Lower Upper

202 100

200 20.2 17.8 26.6

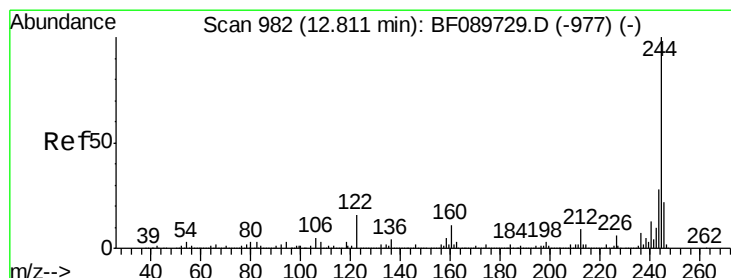
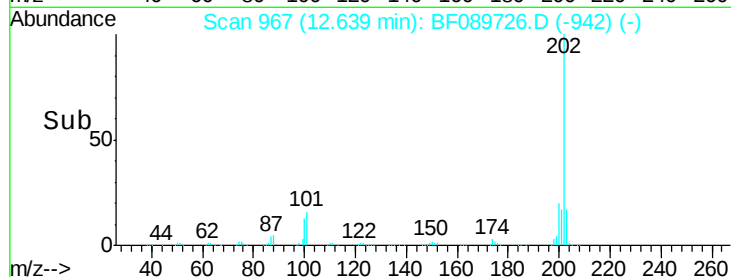
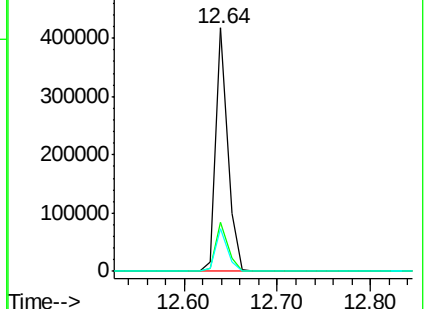
203 17.4 14.2 21.4



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: 3.26 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

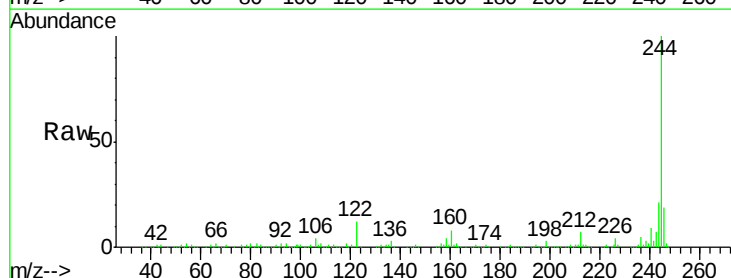
Tgt Ion:244 Resp: 469712

Ion Ratio Lower Upper

244 100

212 7.0 6.3 9.5

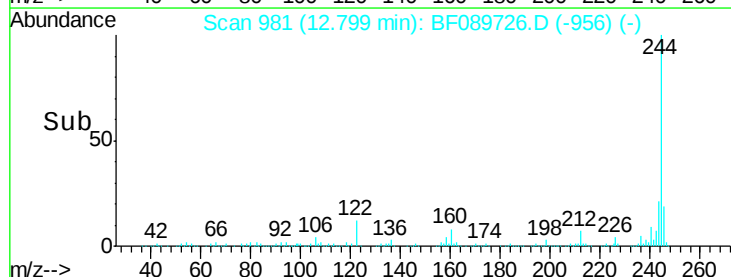
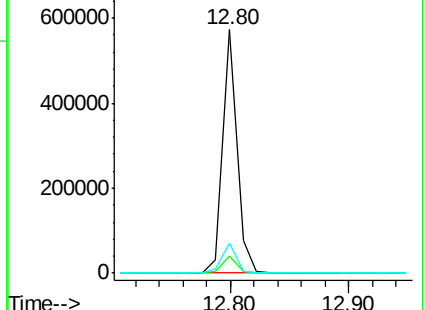
122 12.3 12.0 18.0

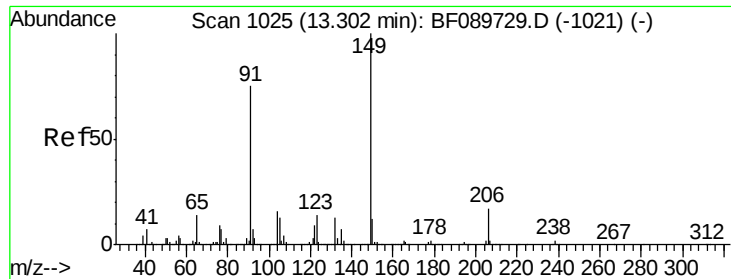


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

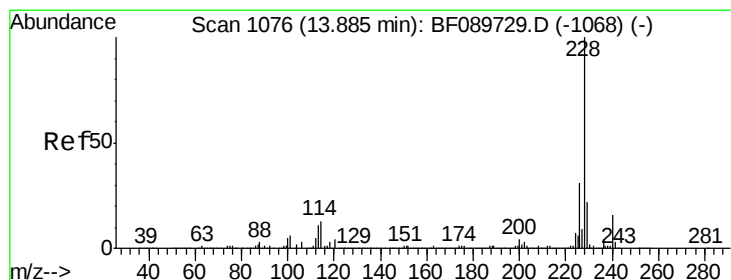
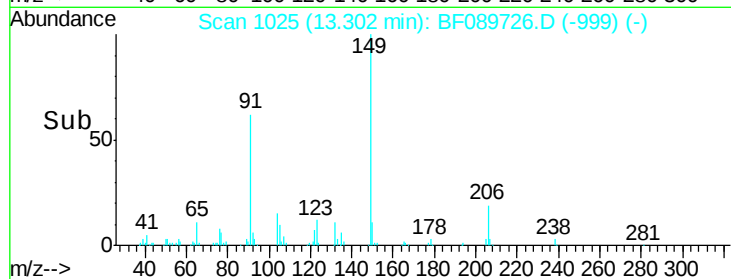
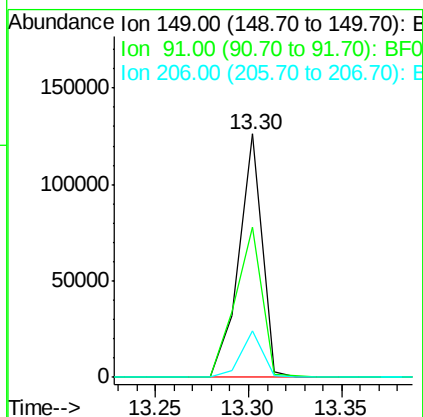
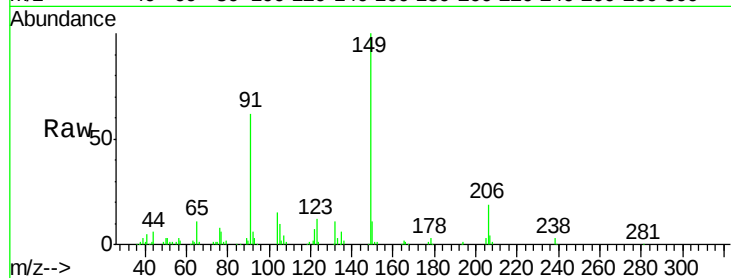




#79
Butylbenzylphthalate
Concen: 1.85 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

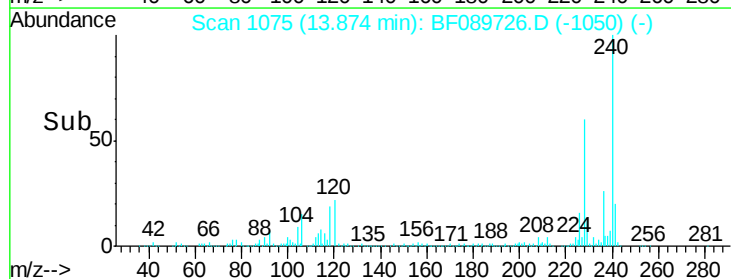
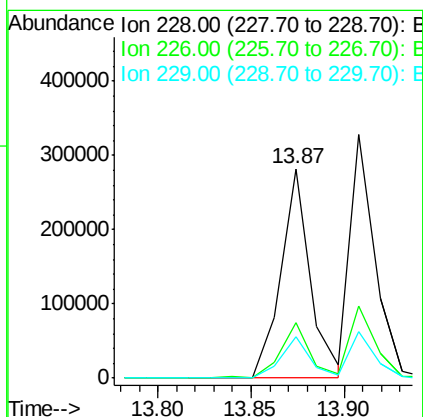
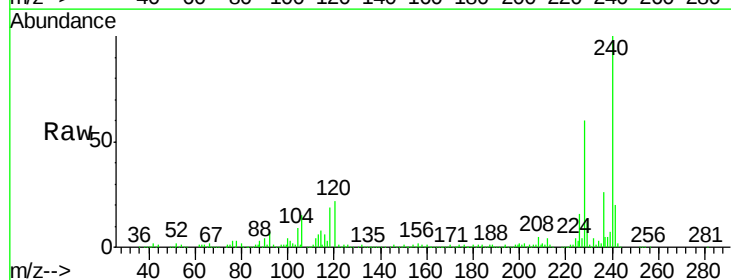
Instrument :
BNA_F
ClientSampleId :

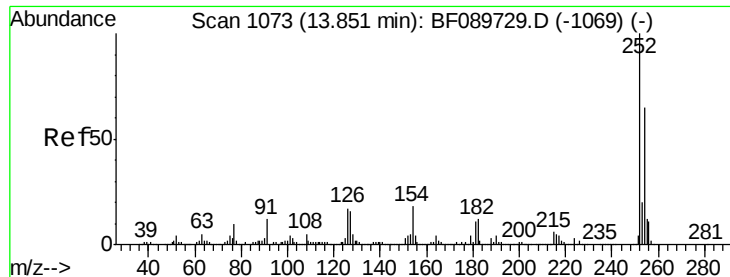
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.7	50.7	76.1
206	19.1	15.5	23.3



#80
Benzo(a)anthracene
Concen: 2.64 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	23.2	34.8
229	19.9	16.2	24.4





#81

3,3'-Dichlorobenzidine

Concen: 2.07 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

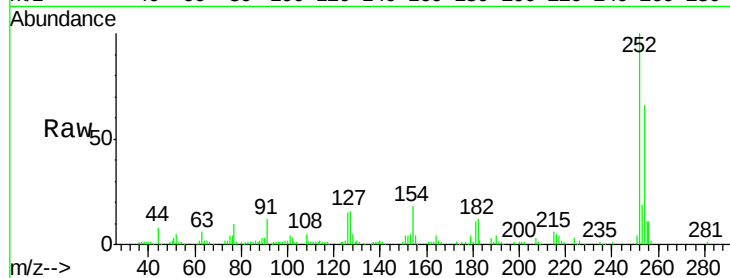
Tot Ion:252 Resp: 89343

Ion Ratio Lower Upper

252 100

254 65.8 50.6 75.8

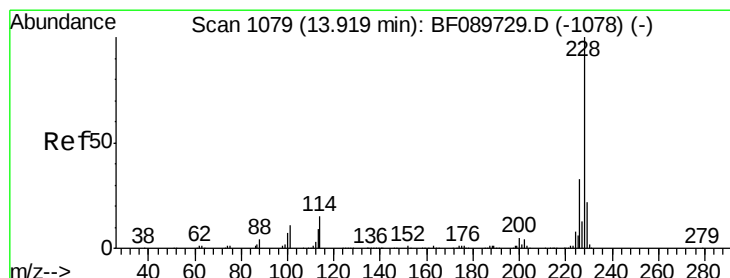
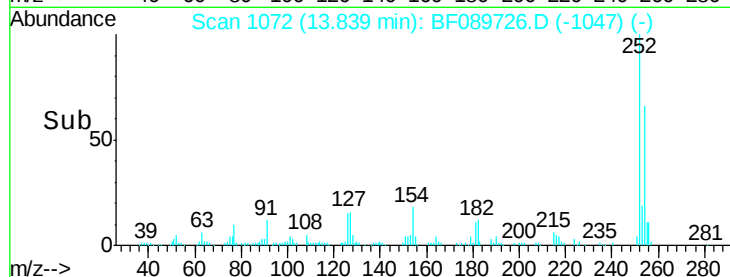
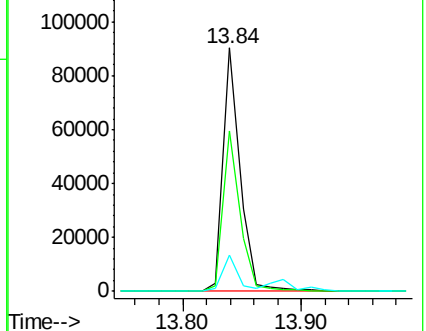
126 14.8 12.6 18.8



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: 2.96 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

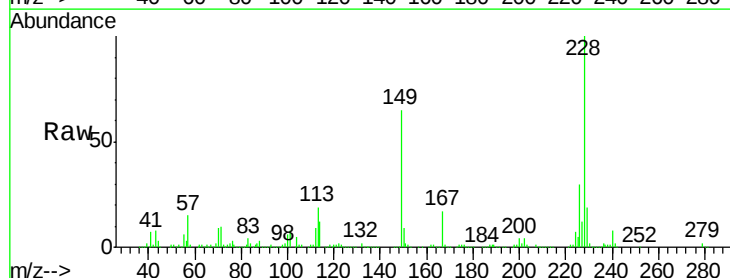
Tgt Ion:228 Resp: 313019

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.0

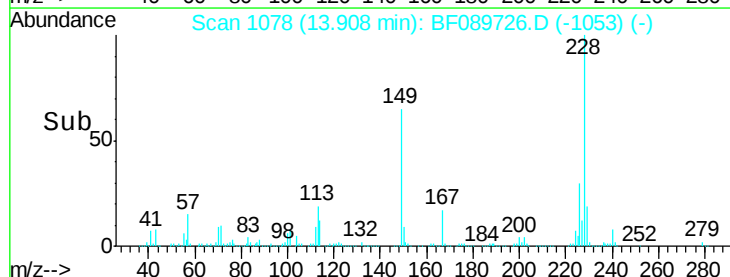
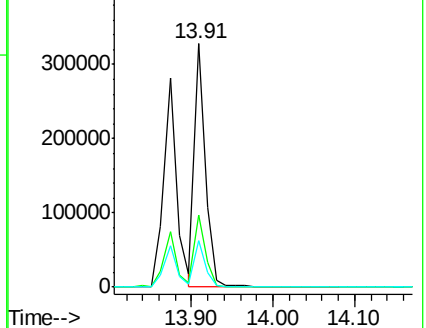
229 19.2 16.5 24.7

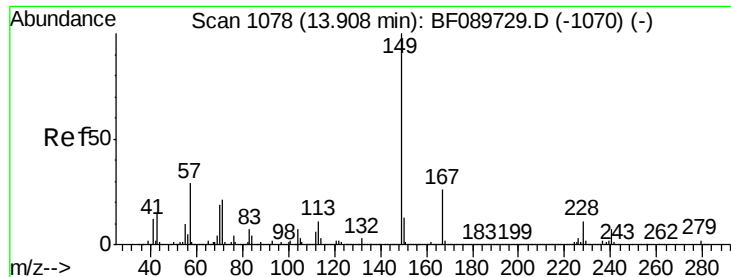


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.26 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

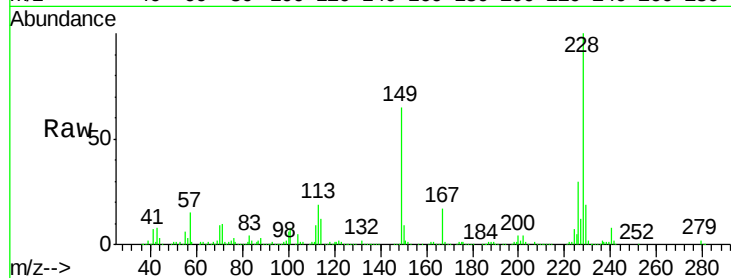
Tot Ion:149 Resp: 190781

Ion Ratio Lower Upper

149 100

167 25.9 21.2 31.8

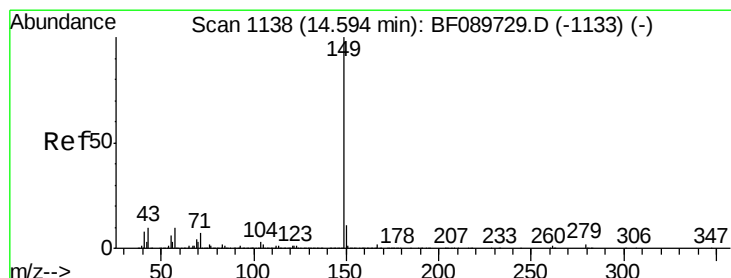
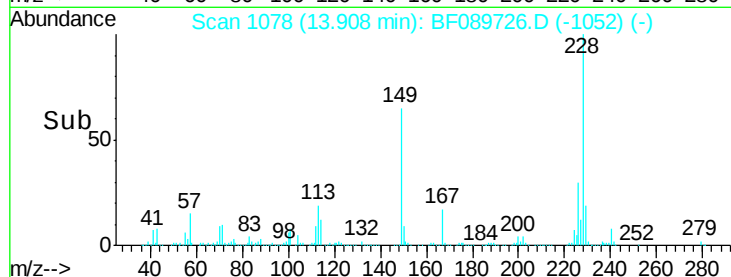
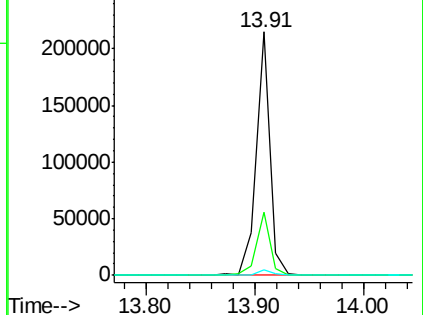
279 2.4 2.9 4.3#



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: 1.69 ng

RT: 14.59 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

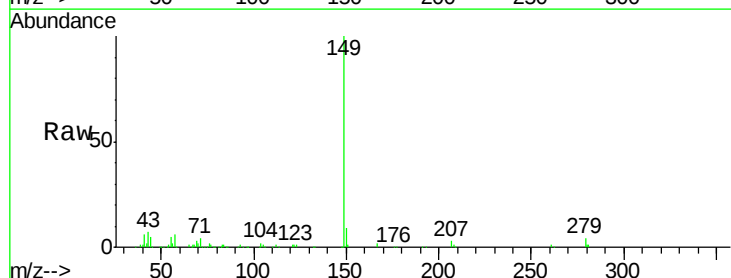
Tgt Ion:149 Resp: 214322

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

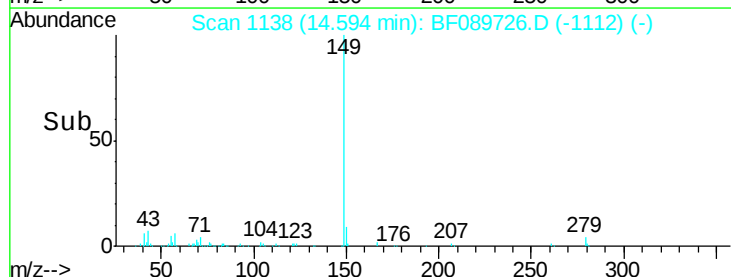
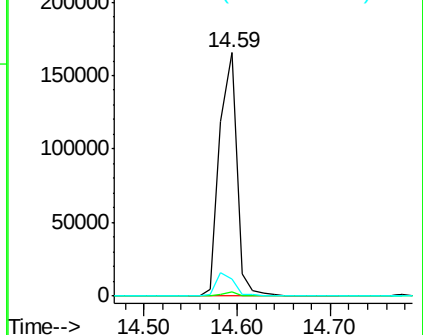
43 10.7 8.4 12.6

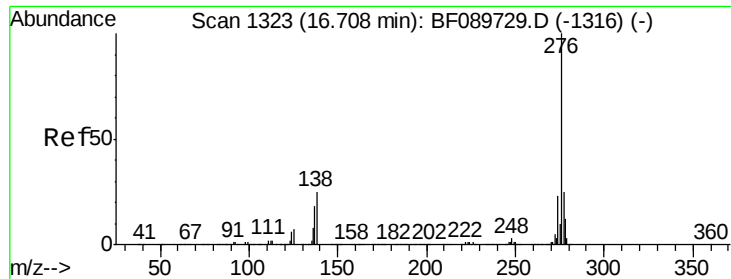


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

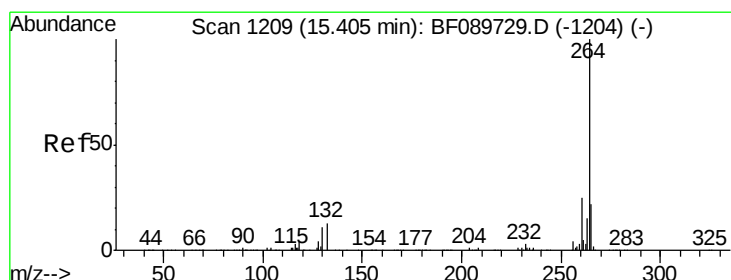
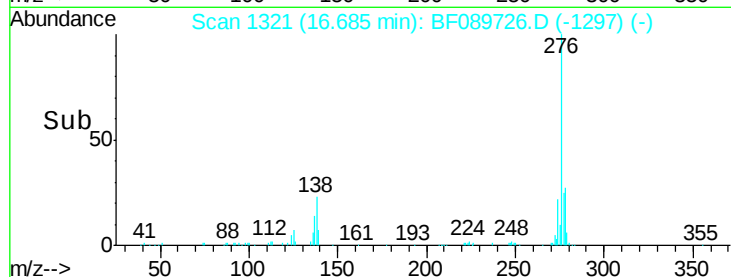
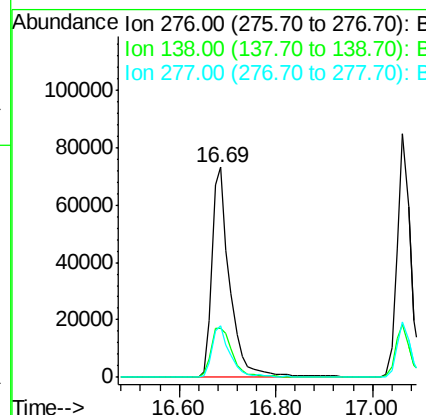
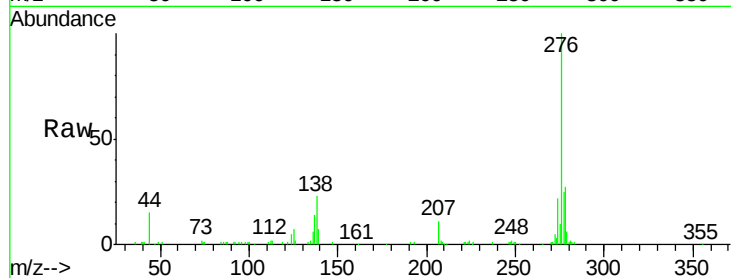




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.10 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

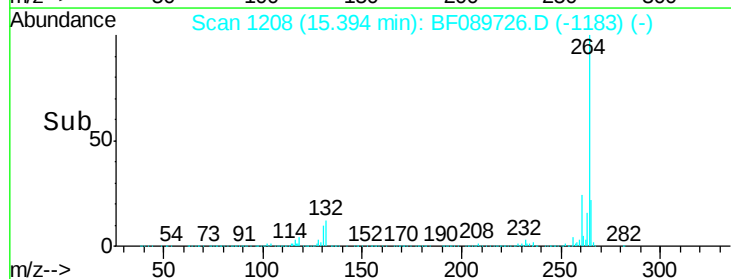
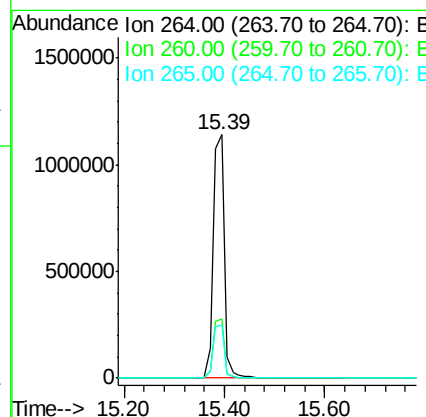
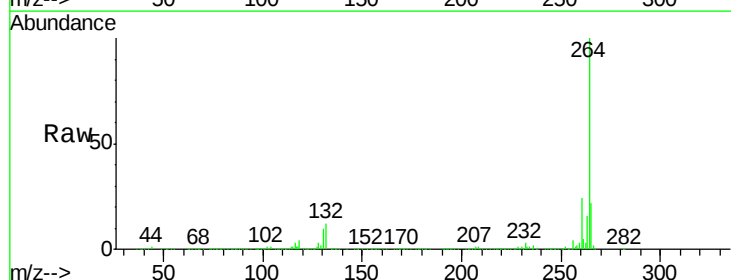
Instrument :
 BNA_F
 ClientSampled :

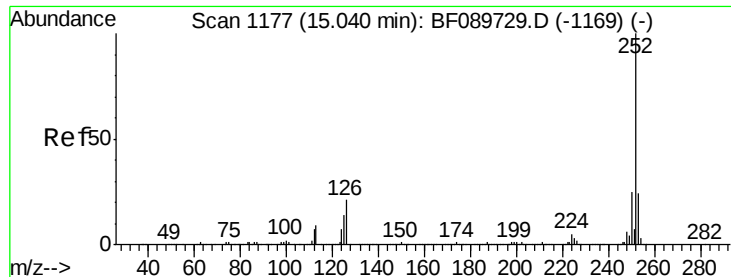
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.3	24.6	36.8
277	24.6	20.4	30.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.2	30.2
265	21.9	17.4	26.2





#87

Benzo(b)fluoranthene

Concen: 2.38 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.01 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

Instrument :

BNA_F

ClientSampleId :

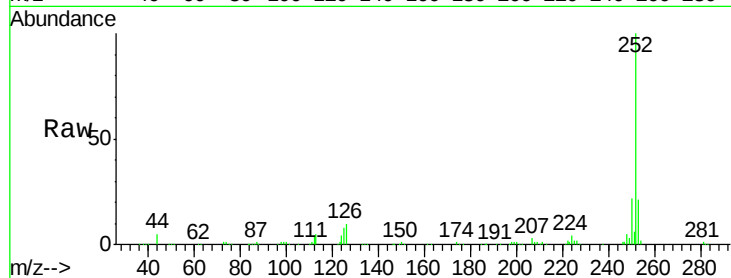
Tot Ion:252 Resp: 256740

Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

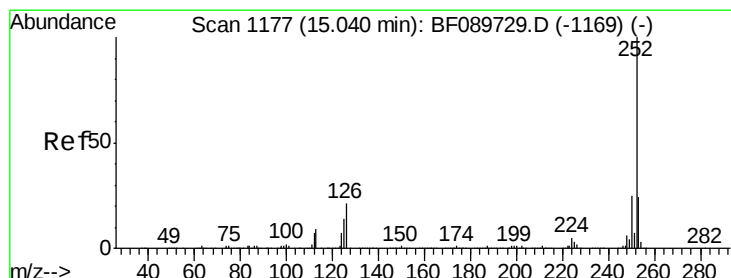
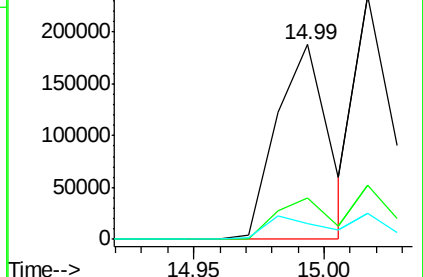
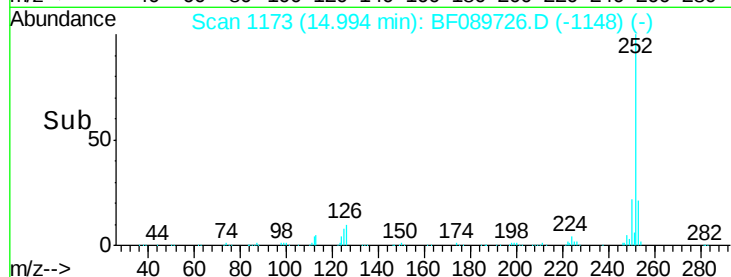
125 7.9 11.4 17.2#



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: 2.97 ng

RT: 14.99 min Scan# 1173

Delta R.T. -0.05 min

Lab File: BF089726.D

Acq: 16 Aug 2016 15:56

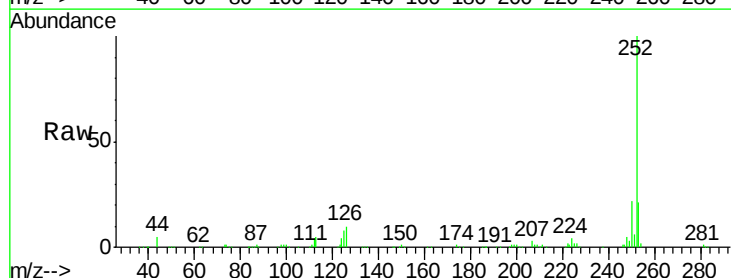
Tgt Ion:252 Resp: 256740

Ion Ratio Lower Upper

252 100

253 21.4 18.4 27.6

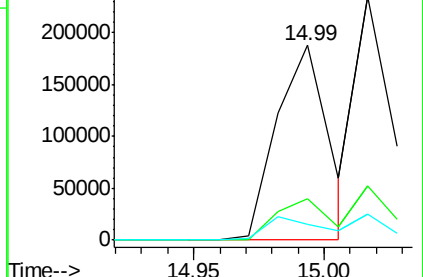
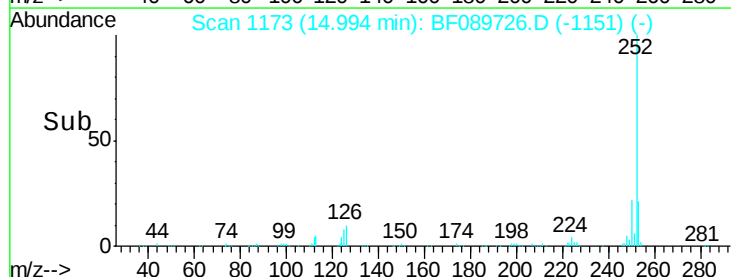
125 7.9 9.8 14.6#

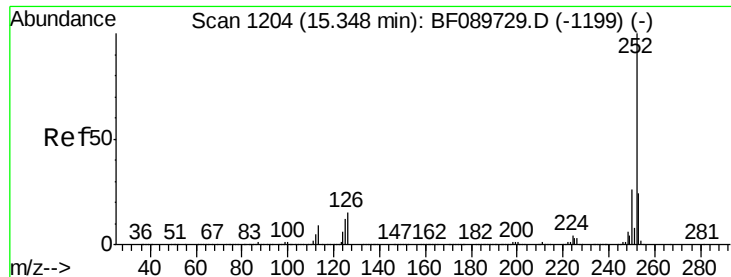


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

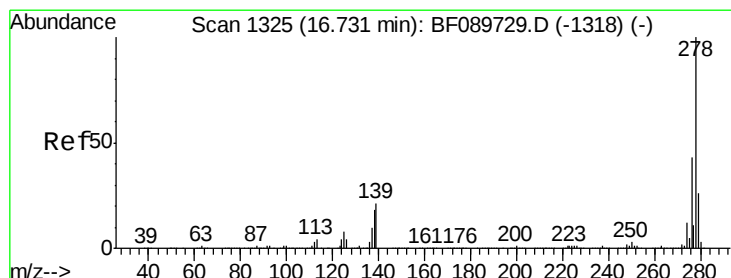
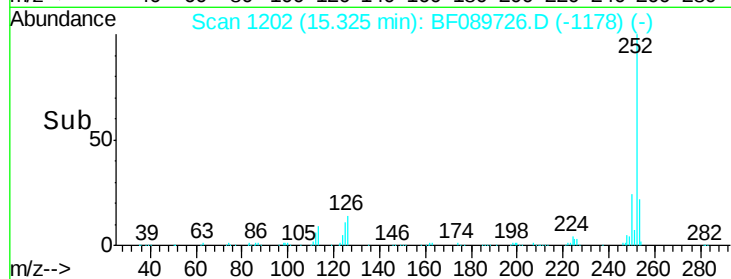
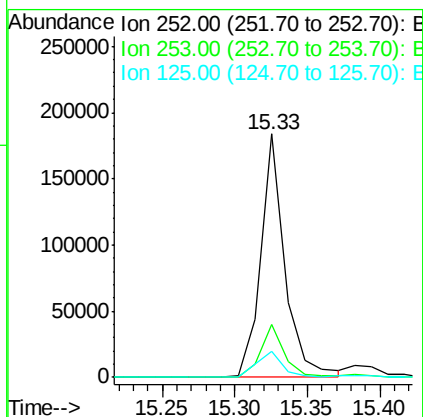
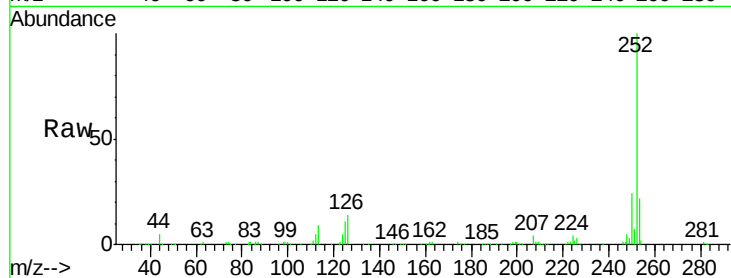




#89
Benzo(a)pyrene
Concen: 2.35 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

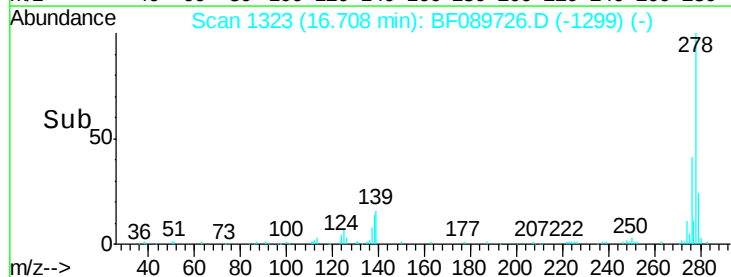
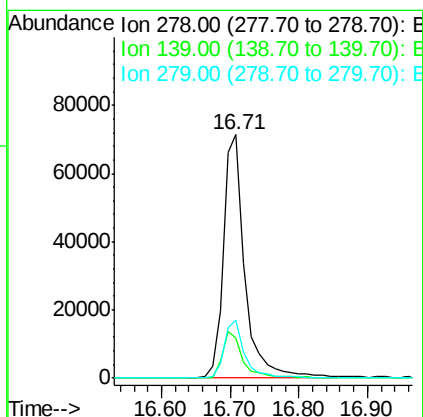
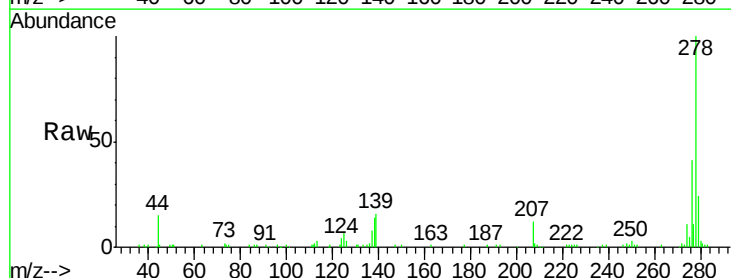
Instrument :
BNA_F
ClientSampleId :

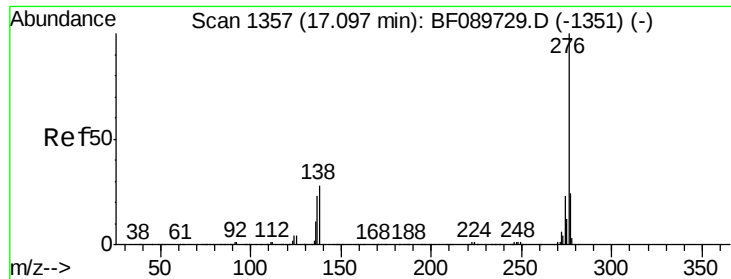
Tot Ion:252 Resp: 212411
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 10.9 11.7 17.5#



#90
Dibenzo(a,h)anthracene
Concen: 2.21 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089726.D
Acq: 16 Aug 2016 15:56

Tgt Ion:278 Resp: 157485
Ion Ratio Lower Upper
278 100
139 16.4 14.9 22.3
279 23.8 19.2 28.8

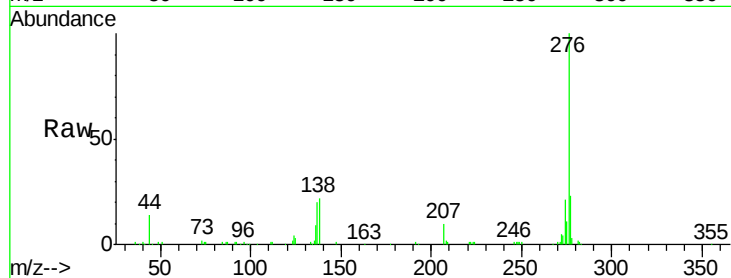




#91
 Benzo(a,h,i)perylene
 Concen: 2.36 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.03 min
 Lab File: BF089726.D
 Acq: 16 Aug 2016 15:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.6	19.2	28.8
138	21.7	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

