

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089730.D
 Acq On : 16 Aug 2016 17:43
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 16 18:37:58 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 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	633238	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	2573502	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1247861	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2260693	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1869835	20.00	ng	-0.01
86) Perylene-d12	15.36	264	1548721	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3820340	48.28	ng	0.00
7) Phenol-d6	6.34	99	4583539	46.46	ng	0.01
23) Nitrobenzene-d5	7.27	82	4262332	50.19	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1053316	42.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5742298	40.12	ng	0.00
78) Terphenyl-d14	12.81	244	5378232	40.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	895153	43.54	ng	98
3) Pyridine	2.84	79	2376411	46.40	ng	99
4) n-Nitrosodimethylamine	2.81	42	983941	45.85	ng	88
6) Aniline	6.36	93	3040010	44.59	ng	99
8) 2-Chlorophenol	6.48	128	2073617	47.50	ng	99
9) Benzaldehyde	6.24	77	1475250	44.25	ng	94
10) Phenol	6.35	94	3025889	51.06	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	2046983	47.23	ng	98
12) 1,3-Dichlorobenzene	6.64	146	2160020	45.70	ng	99
13) 1,4-Dichlorobenzene	6.72	146	2276946	47.89	ng	99
14) 1,2-Dichlorobenzene	6.88	146	2262596	49.80	ng	98
15) Benzyl Alcohol	6.84	79	1521769	42.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2645866	47.79	ng	94
17) 2-Methylphenol	6.96	107	1778509	48.88	ng	98
18) Hexachloroethane	7.22	117	887293	49.87	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	1513584	47.14	ng	96
20) 3+4-Methylphenols	7.12	107	2084192	46.58	ng	99
22) Acetophenone	7.12	105	2642363	43.05	ng	92
24) Nitrobenzene	7.29	77	2201000	48.29	ng	97
25) Isophorone	7.54	82	4141273	48.76	ng	# 91
26) 2-Nitrophenol	7.61	139	1234749	58.43	ng	99
27) 2,4-Dimethylphenol	7.66	122	2213632	52.66	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	2410733	44.66	ng	98
29) 2,4-Dichlorophenol	7.85	162	1837699	51.43	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	1749968	46.50	ng	99
31) Naphthalene	8.01	128	5082366	43.89	ng	95
32) Benzoic acid	7.79	122	1698335	63.05	ng	99
33) 4-Chloroaniline	8.07	127	2674766	48.29	ng	97
34) Hexachlorobutadiene	8.14	225	907716	47.31	ng	99
35) Caprolactam	8.46	113	580005	52.57	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	1705855	45.82	ng	93
37) 2-Methylnaphthalene	8.71	142	3959664	49.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1681584	48.19	ng	98
40) Hexachlorocyclopentadiene	8.87	237	919696	47.72	ng	98

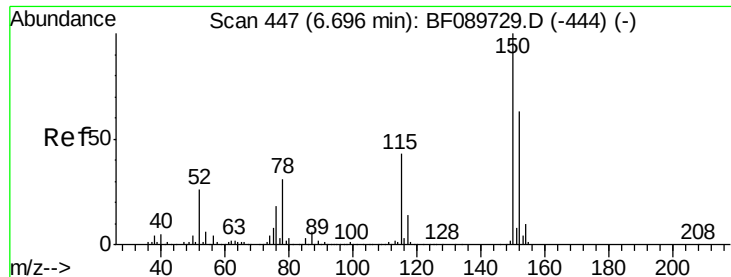
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089730.D
 Acq On : 16 Aug 2016 17:43
 Operator : UM/SJ
 Sample : SSTDICC050
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Instrument :
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Quant Time: Aug 16 18:37:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1404465	56.11	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	1059308	44.43	nq #	93
45) 1,1'-Biphenyl	9.18	154	4848432	46.90	nq	92
46) 2-Chloronaphthalene	9.19	162	3397687	45.33	nq	97
47) 2-Nitroaniline	9.29	65	1207043	49.80	nq #	61
48) Acenaphthylene	9.60	152	5514294	46.73	nq	96
49) Dimethylphthalate	9.48	163	4550281	52.03	nq #	98
50) 2,6-Dinitrotoluene	9.53	165	884993	45.68	nq #	80
51) Acenaphthene	9.78	154	3908194	50.59	nq	99
52) 3-Nitroaniline	9.70	138	1341693	53.40	nq	84
53) 2,4-Dinitrophenol	9.79	184	437604	63.57	nq #	80
54) Dibenzofuran	9.94	168	4630814	42.28	nq	99
55) 4-Nitrophenol	9.85	139	872833	45.44	nq #	82
56) 2,4-Dinitrotoluene	9.93	165	1219746	48.74	nq #	64
57) Fluorene	10.28	166	3283080	41.79	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	943729	45.82	nq	97
59) Diethylphthalate	10.18	149	4476138	50.08	nq	95
60) 4-Chlorophenyl-phenylether	10.28	204	1523315	43.94	nq	94
61) 4-Nitroaniline	10.31	138	1162554	52.40	nq	93
62) Azobenzene	10.44	77	4187327	43.23	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	756054	62.35	nq #	65
65) n-Nitrosodiphenylamine	10.41	169	3697858	50.65	nq	98
66) 4-Bromophenyl-phenylether	10.78	248	1211660	52.35	nq #	89
67) Hexachlorobenzene	10.83	284	1265894	48.72	nq #	86
68) Atrazine	10.94	200	923267	43.01	nq	95
69) Pentachlorophenol	11.03	266	840811	53.67	nq	98
70) Phenanthrene	11.29	178	4967352	44.29	nq	94
71) Anthracene	11.29	178	4971869	42.37	nq	95
72) Carbazole	11.45	167	5404499	48.33	nq	95
73) Di-n-butylphthalate	11.79	149	5950061	46.14	nq	96
74) Fluoranthene	12.42	202	4944248	41.73	nq	90
76) Benzidine	12.55	184	3055946	47.72	nq	96
77) Pyrene	12.42	202	4944248	41.25	nq	92
79) Butylbenzylphthalate	13.30	149	3022453	55.18	nq	97
80) Benzo(a)anthracene	13.87	228	4814347	44.86	nq	95
81) 3,3'-Dichlorobenzidine	13.85	252	2013436	51.10	nq #	93
82) Chrysene	13.92	228	4516608	46.85	nq	96
83) Bis(2-ethylhexyl)phthalate	13.90	149	3756878	48.80	nq #	99
84) Di-n-octyl phthalate	14.57	149	5723786	49.39	nq	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	3917974	47.46	nq	99
87) Benzo(b)fluoranthene	14.98	252	4708839	49.13	nq #	95
88) Benzo(k)fluoranthene	14.98	252	4708839	61.43	nq	98
89) Benzo(a)pyrene	15.31	252	4077823	50.72	nq #	94
90) Dibenzo(a,h)anthracene	16.70	278	3204678	50.76	nq	97
91) Benzo(g,h,i)perylene	17.06	276	3234853	50.55	nq	95

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

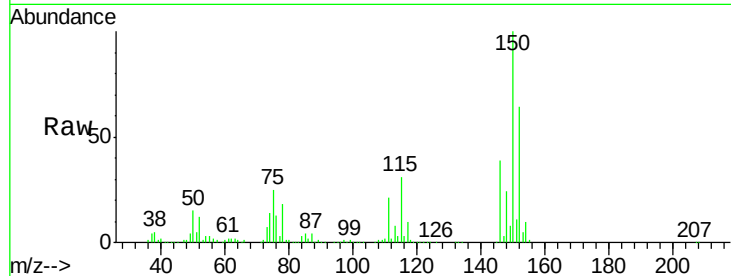


#1

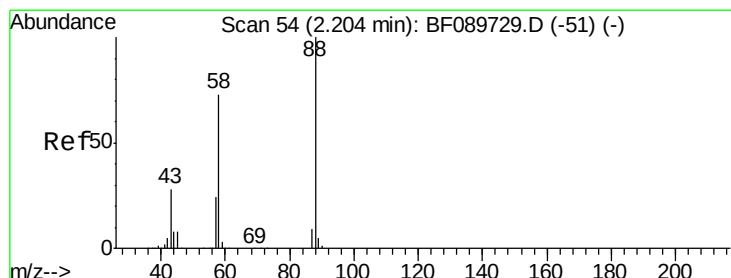
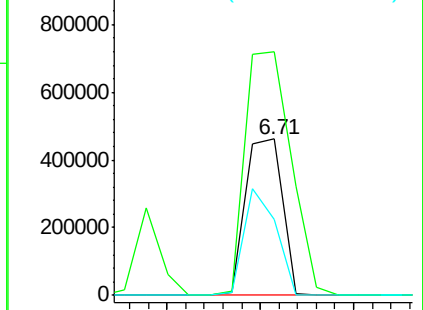
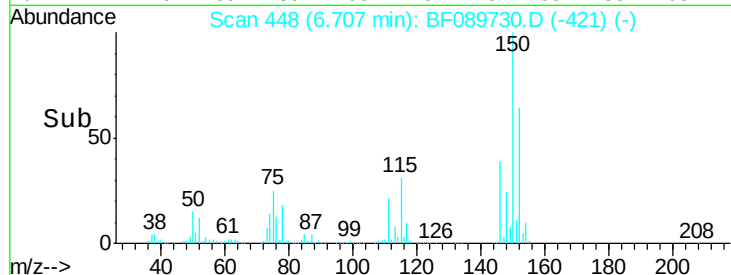
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 633238
Ion Ratio Lower Upper
152 100
150 156.0 125.3 187.9
115 48.5 40.9 61.3



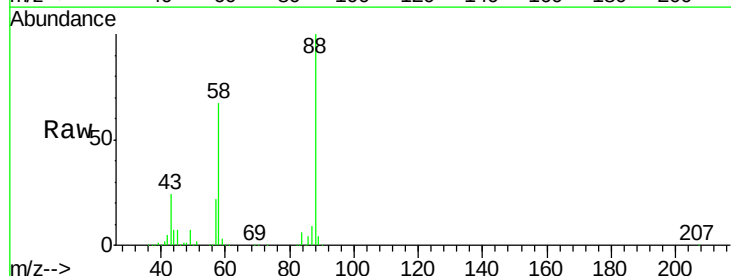
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



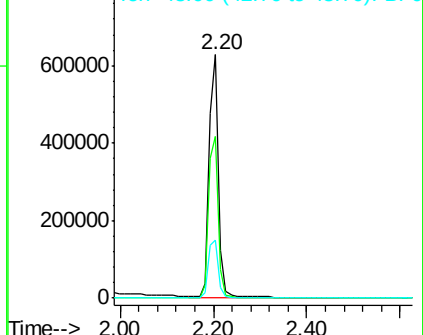
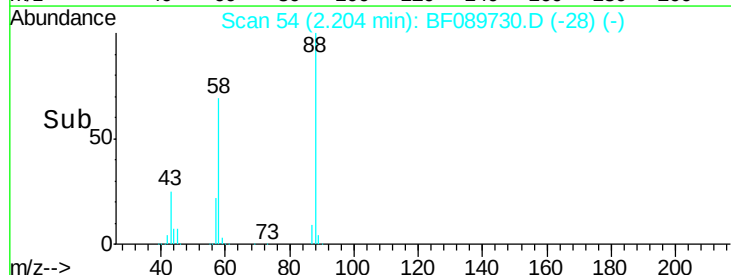
#2

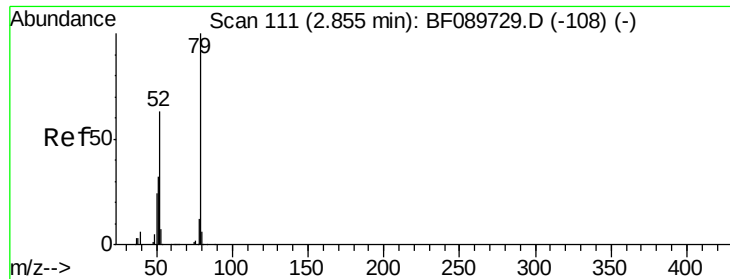
1,4-Dioxane
Concen: 43.54 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 88 Resp: 895153
Ion Ratio Lower Upper
88 100
58 69.3 57.0 85.4
43 25.8 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: 46.40 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

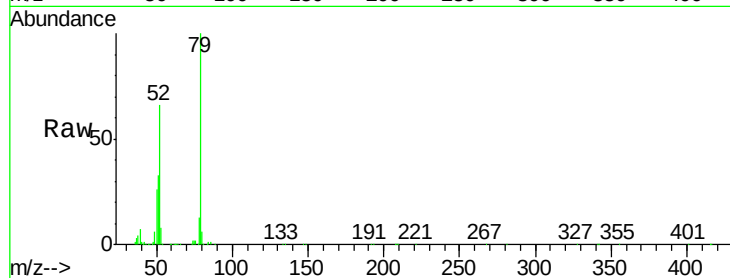
Tot Ion: 79 Resp: 2376411

Ion Ratio Lower Upper

79 100

52 66.0 53.6 80.4

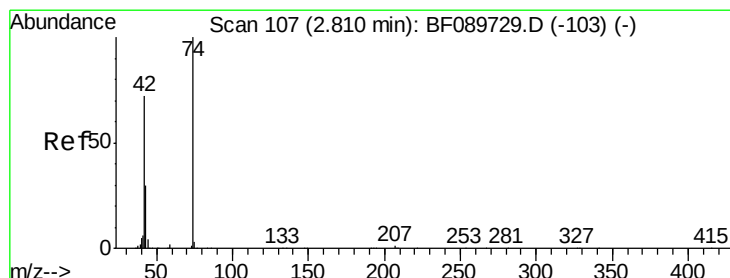
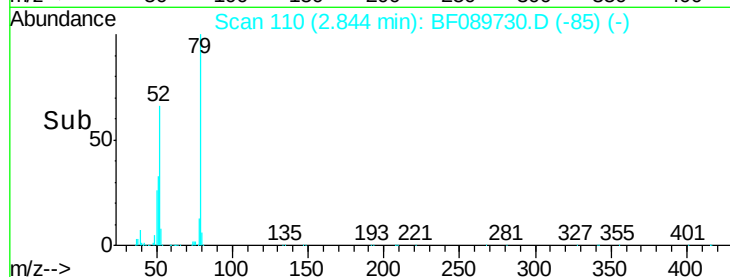
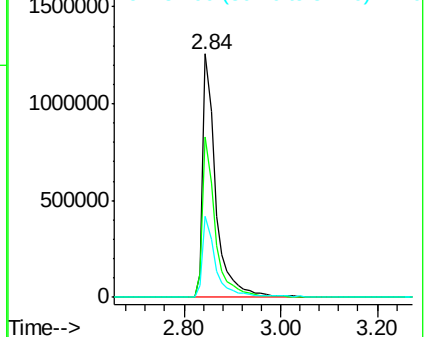
51 33.1 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.85 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

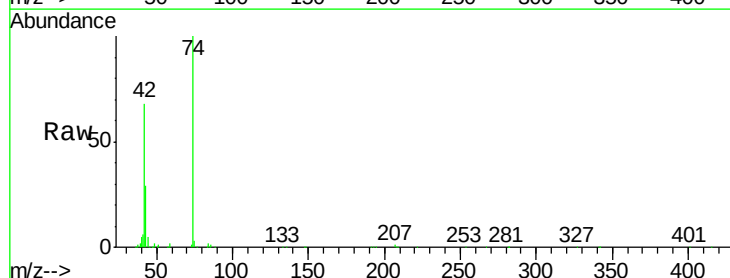
Tgt Ion: 42 Resp: 983941

Ion Ratio Lower Upper

42 100

74 146.8 106.2 159.2

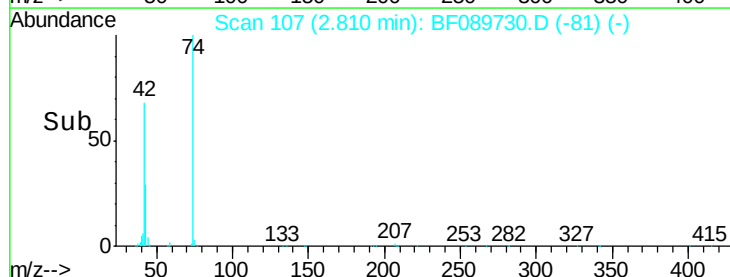
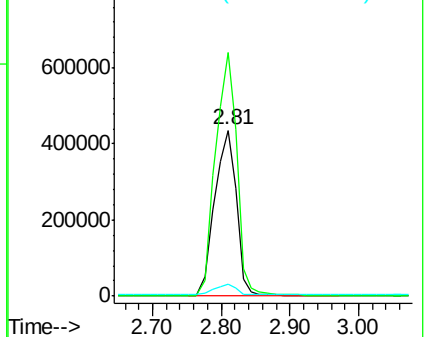
44 7.0 6.9 10.3

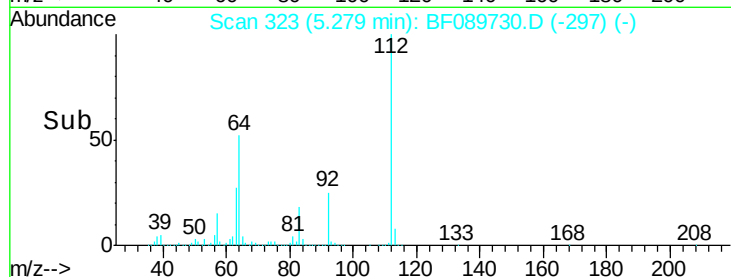
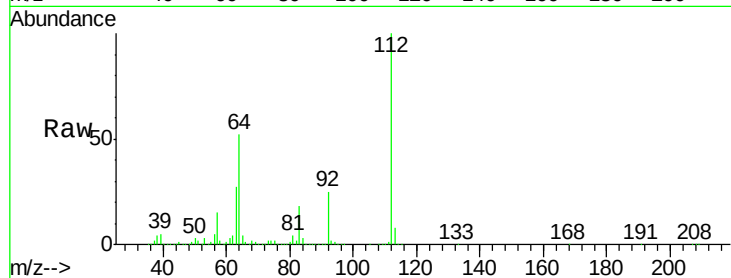
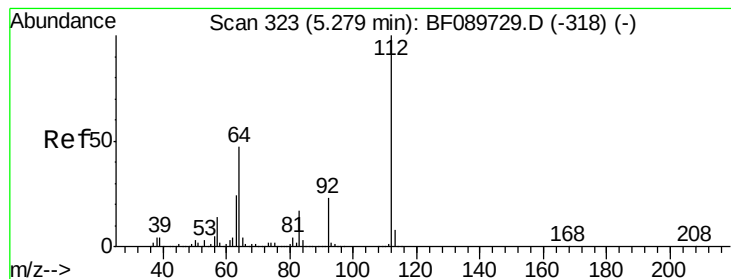


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 48.28 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

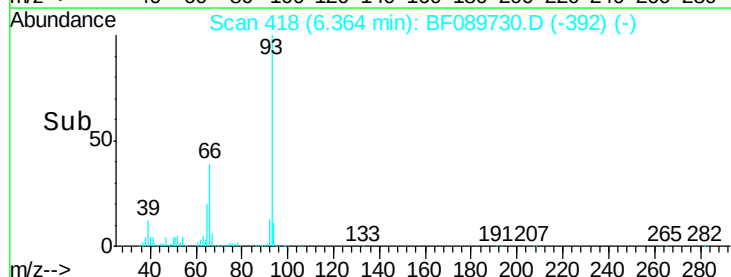
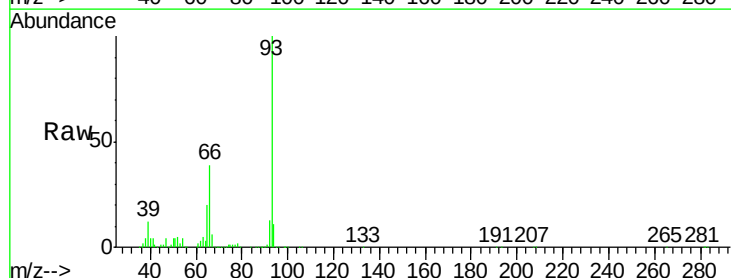
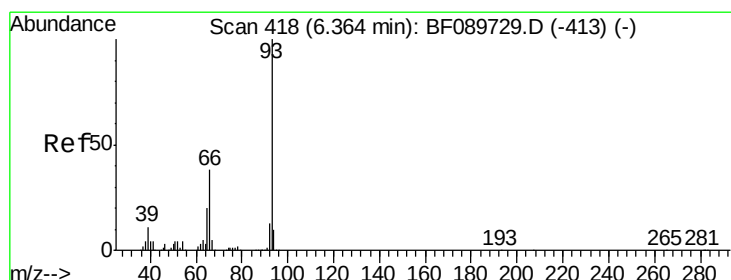
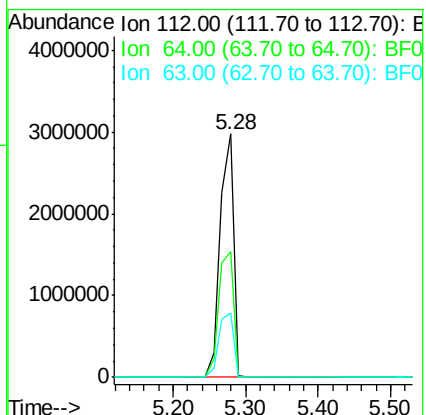
Tot Ion:112 Resp: 3820340

Ion Ratio Lower Upper

112 100

64 51.9 45.0 67.4

63 26.7 23.1 34.7



#6

Aniline

Concen: 44.59 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

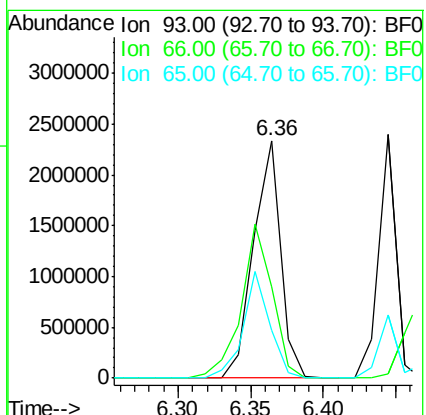
Tgt Ion: 93 Resp: 3040010

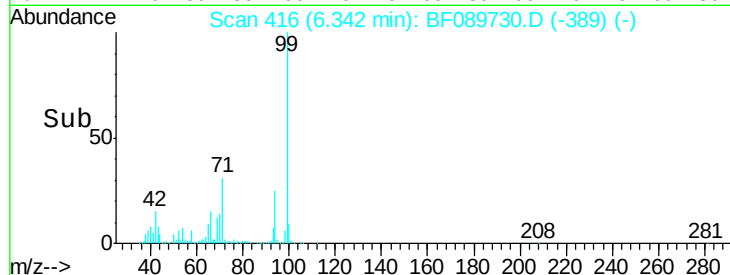
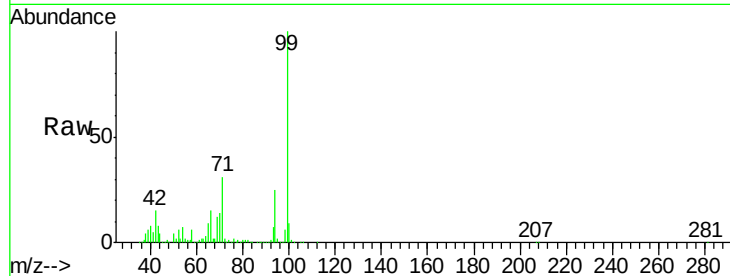
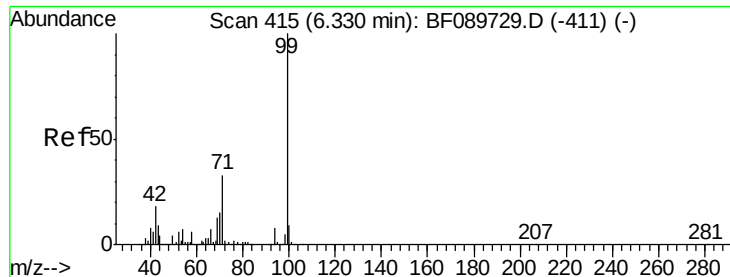
Ion Ratio Lower Upper

93 100

66 38.7 30.6 46.0

65 20.0 15.4 23.2





#7

Phenol-d6

Concen: 46.46 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

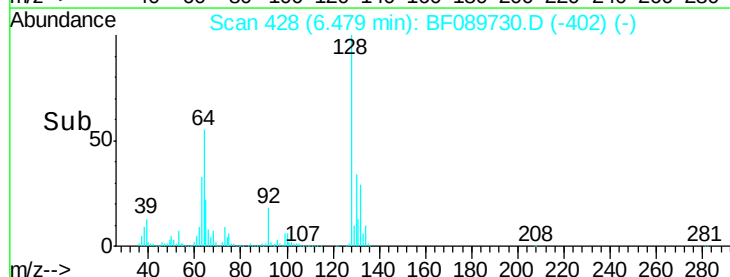
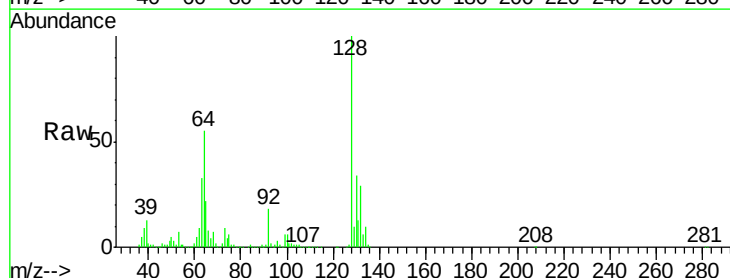
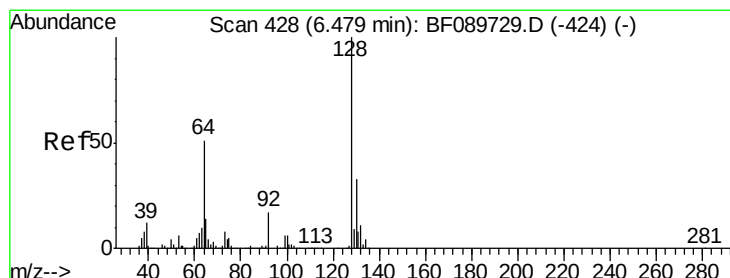
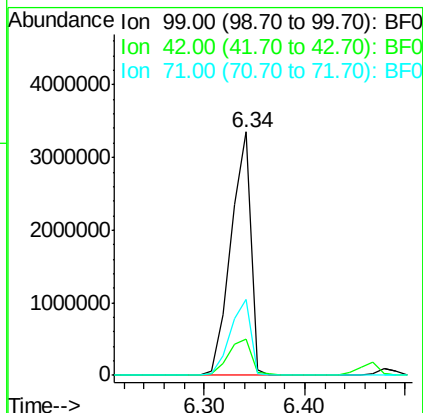
Tot Ion: 99 Resp: 4583539

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.4

71 30.9 23.8 35.8



#8

2-Chlorophenol

Concen: 47.50 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

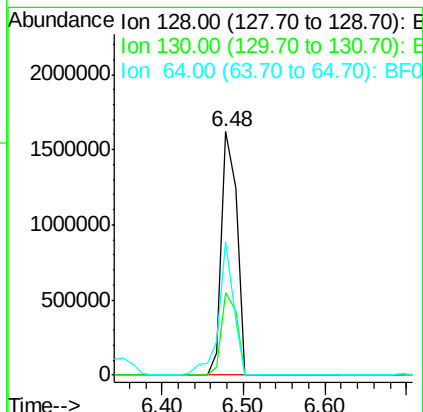
Tgt Ion: 128 Resp: 2073617

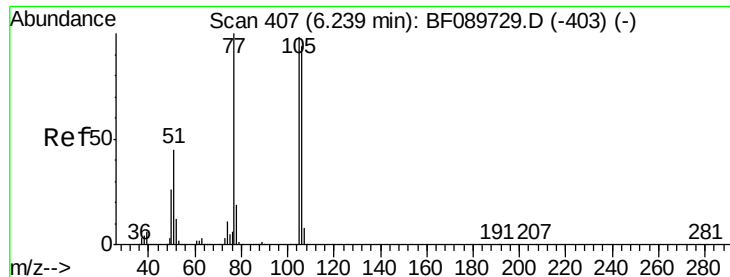
Ion Ratio Lower Upper

128 100

130 33.6 12.0 52.0

64 55.0 35.1 75.1





#9

Benzaldehyde

Concen: 44.25 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

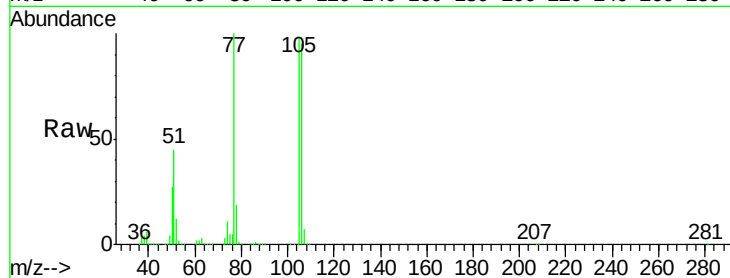
Tot Ion: 77 Resp: 1475250

Ion Ratio Lower Upper

77 100

105 98.4 73.3 113.3

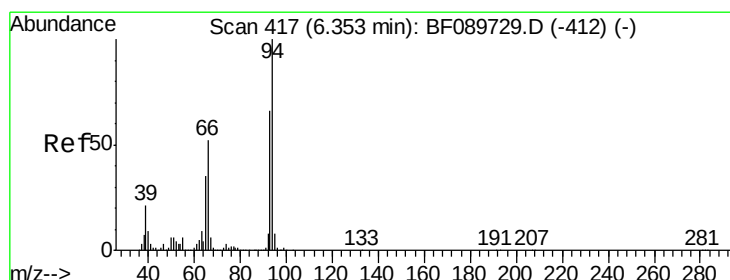
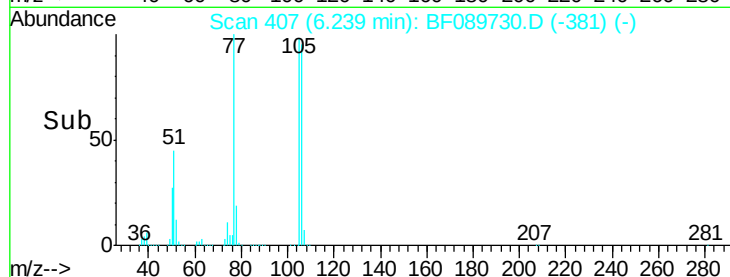
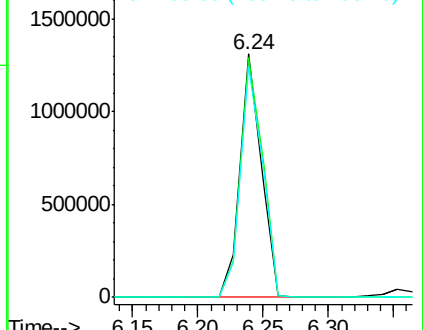
106 94.8 68.6 108.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 51.06 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

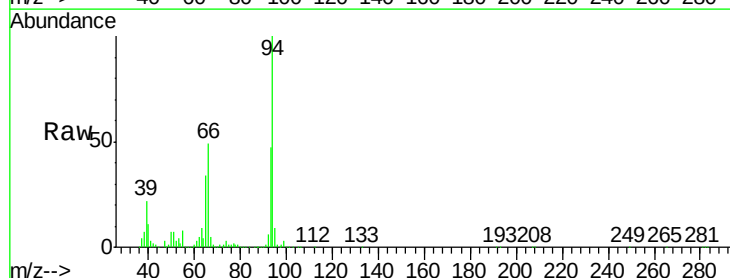
Tgt Ion: 94 Resp: 3025889

Ion Ratio Lower Upper

94 100

65 34.0 14.0 54.0

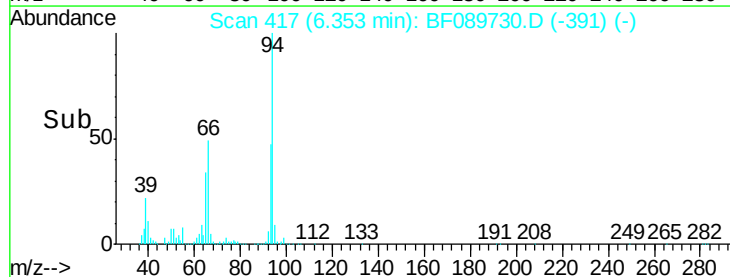
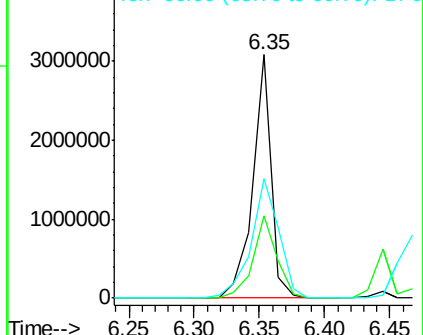
66 49.2 31.2 71.2

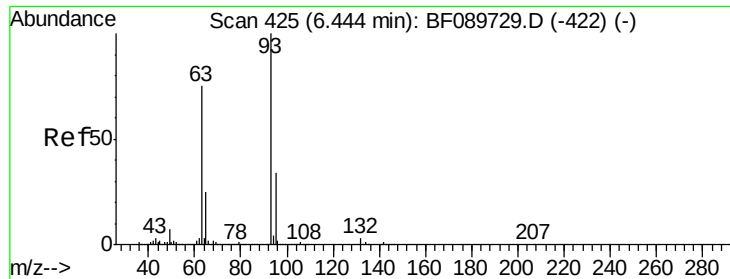


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

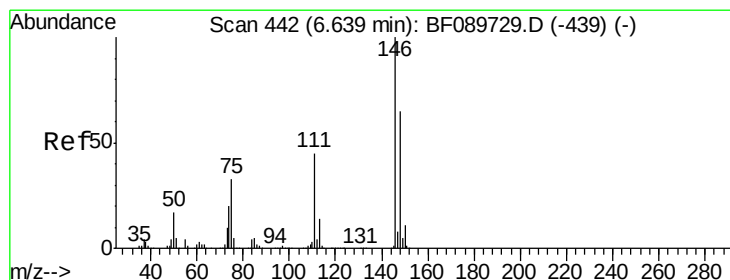
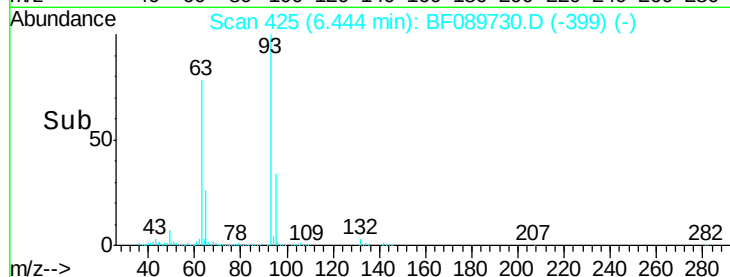
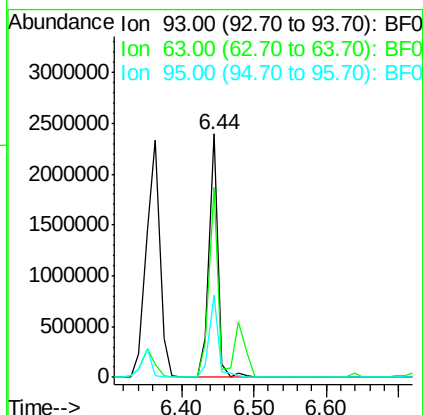
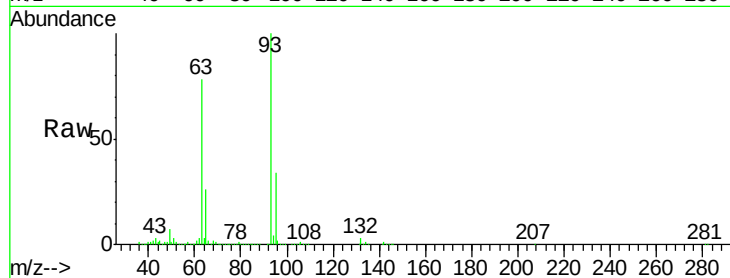




#11
 bis(2-Chloroethyl)ether
 Concen: 47.23 ng
 RT: 6.44 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

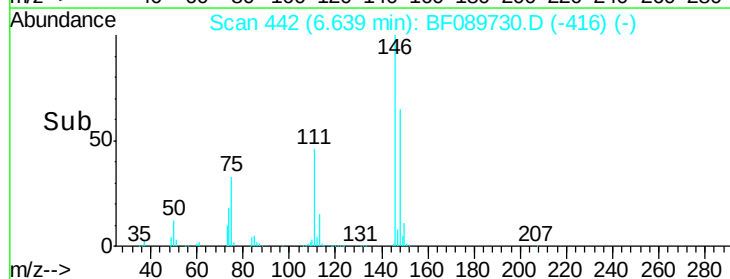
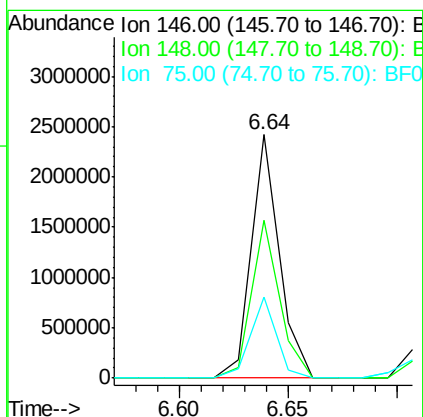
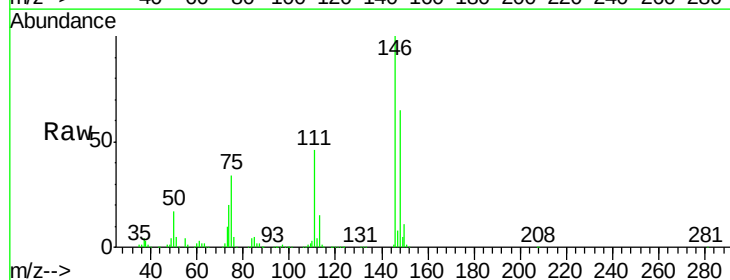
Instrument :
 BNA_F
 ClientSampleId :

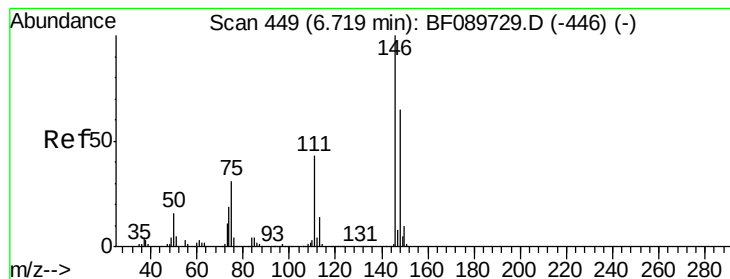
Tot Ion: 93 Resp: 2046983
 Ion Ratio Lower Upper
 93 100
 63 77.8 55.8 95.8
 95 34.1 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 45.70 ng
 RT: 6.64 min Scan# 442
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion: 146 Resp: 2160020
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 75 33.5 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 47.89 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

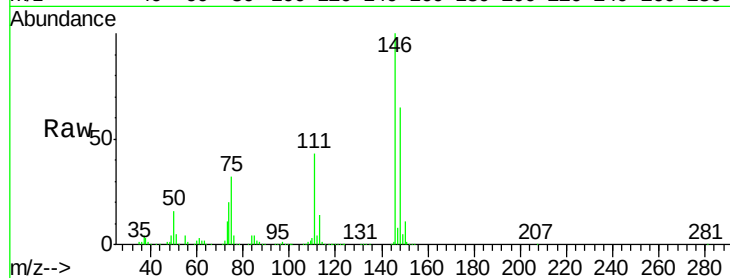
Tot Ion:146 Resp: 2276946

Ion Ratio Lower Upper

146 100

148 65.3 51.0 76.6

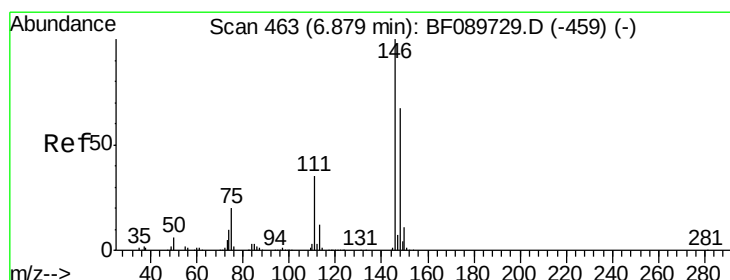
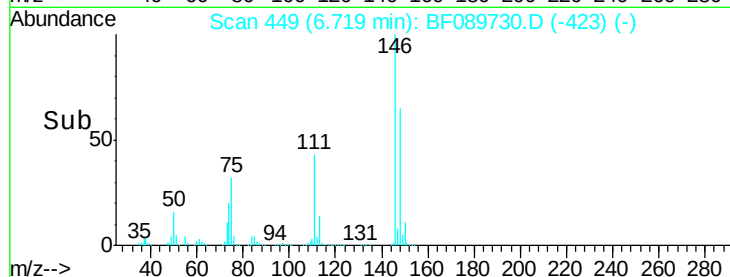
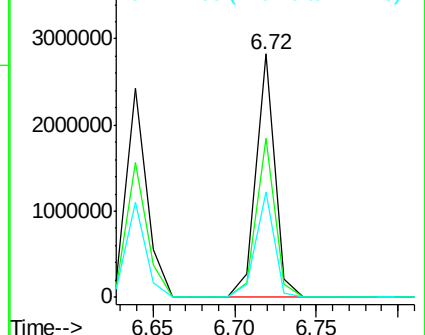
111 43.3 34.6 52.0



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: 49.80 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

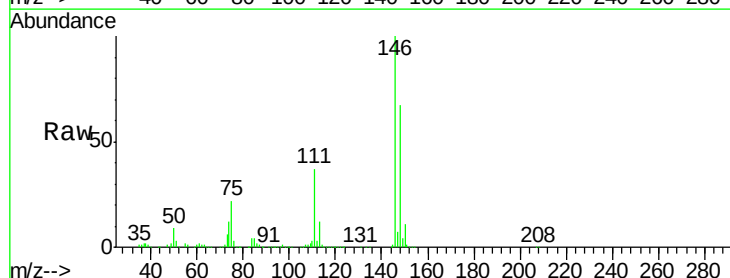
Tgt Ion:146 Resp: 2262596

Ion Ratio Lower Upper

146 100

148 67.2 52.2 78.2

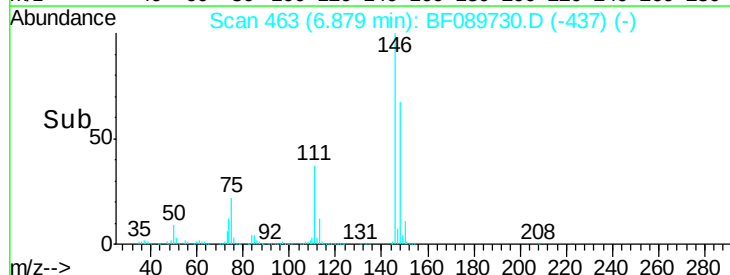
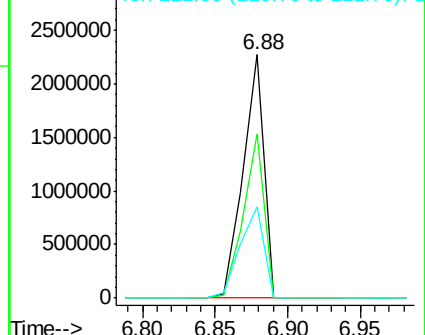
111 37.5 29.8 44.6

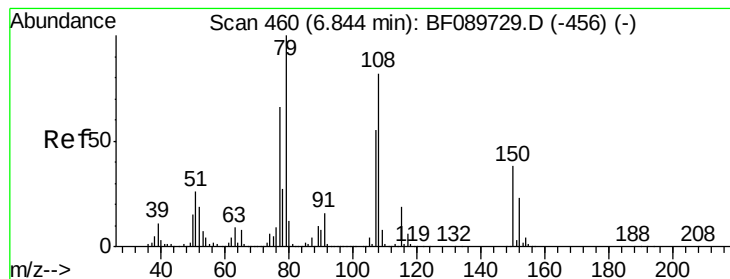


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.94 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

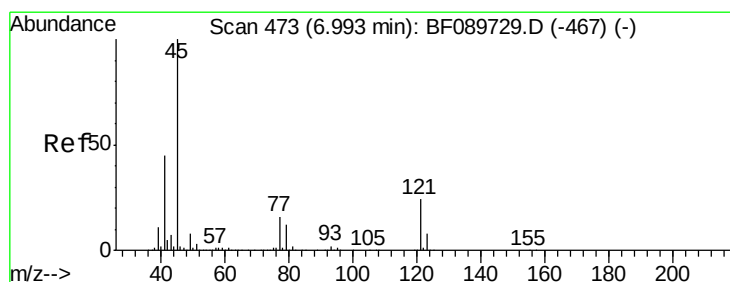
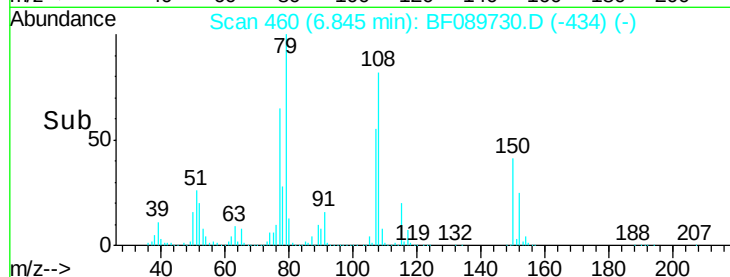
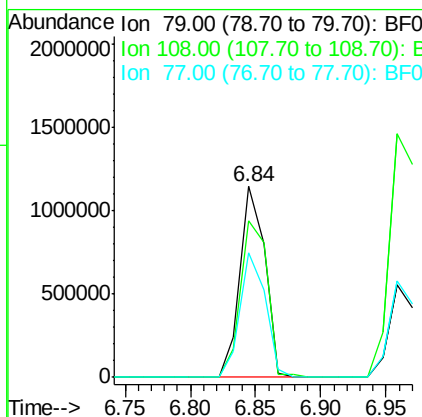
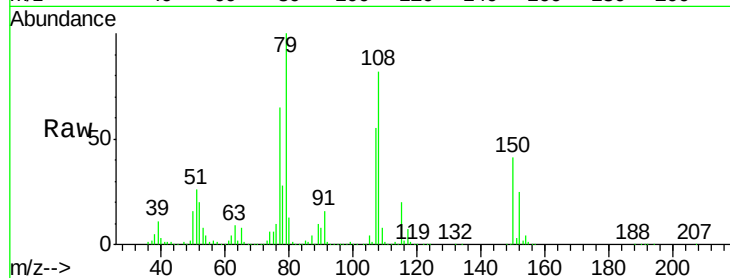
Tot Ion: 79 Resp: 1521769

Ion Ratio Lower Upper

79 100

108 82.5 62.5 93.7

77 65.4 51.5 77.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 47.79 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

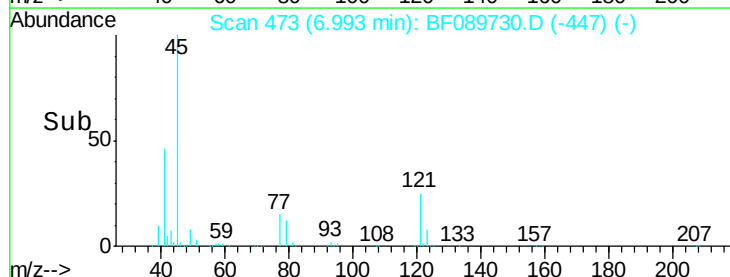
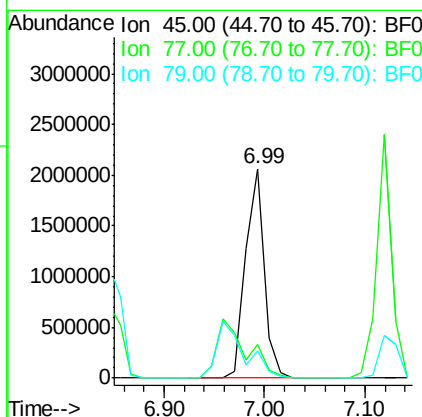
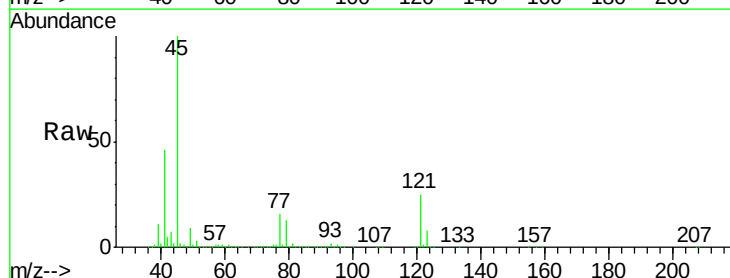
Tgt Ion: 45 Resp: 2645866

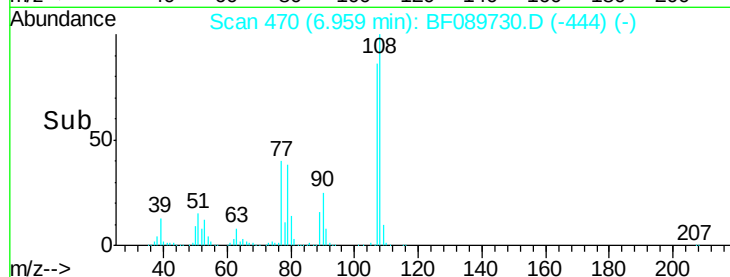
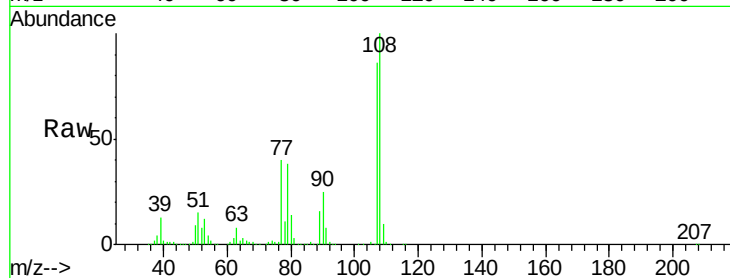
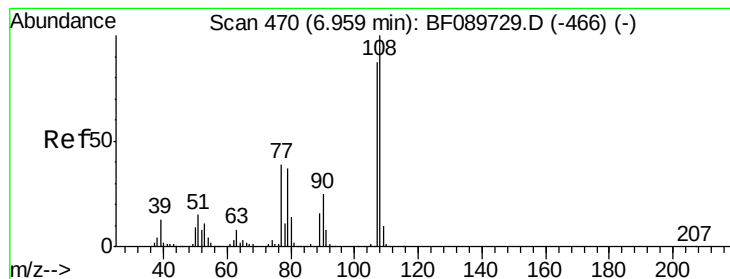
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 48.88 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampled :

Tot Ion:107 Resp: 1778509

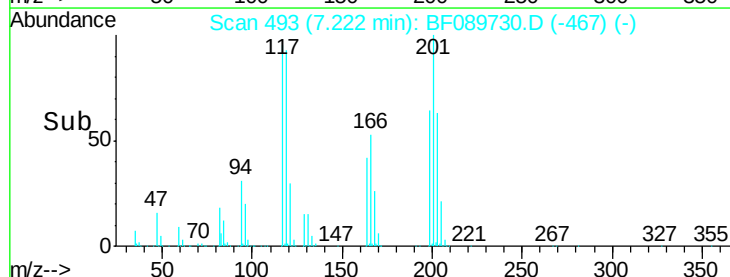
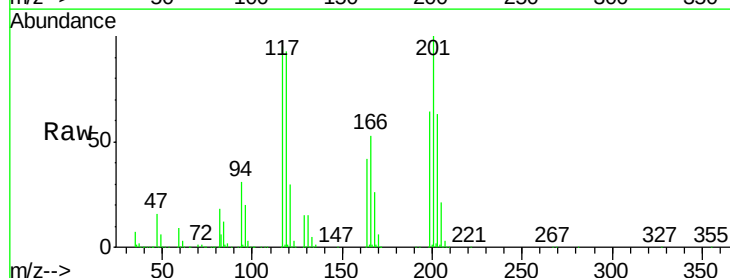
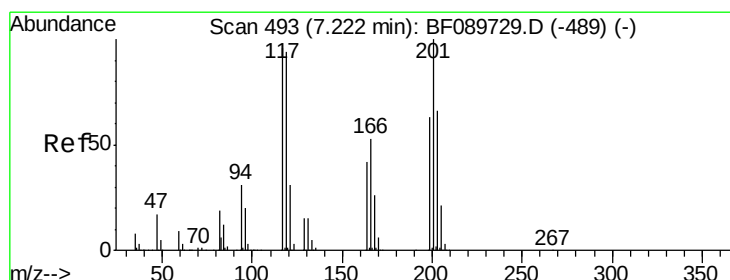
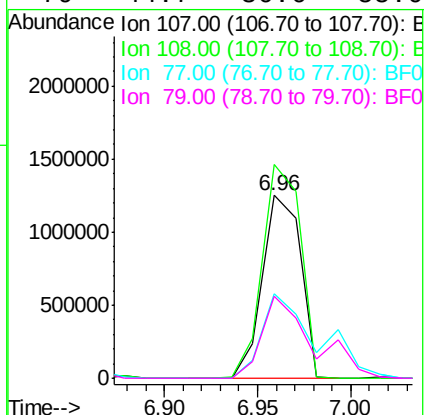
Ion Ratio Lower Upper

107 100

108 116.9 91.0 136.4

77 46.5 37.4 56.0

79 44.7 36.6 55.0



#18

Hexachloroethane

Concen: 49.87 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

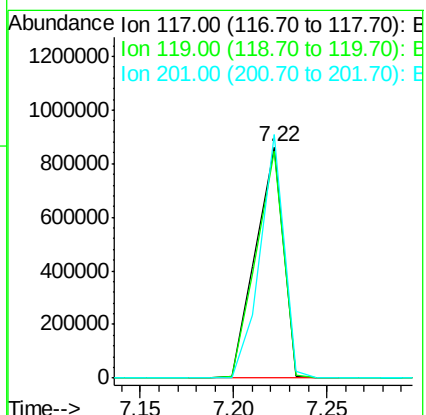
Tgt Ion:117 Resp: 887293

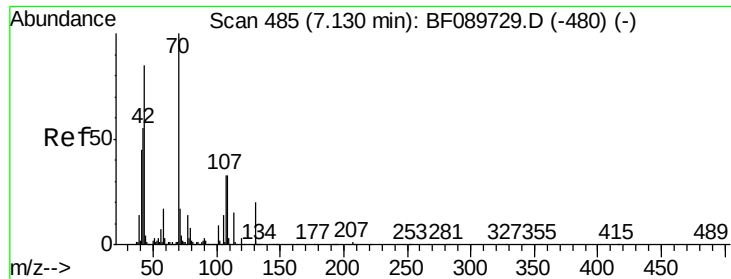
Ion Ratio Lower Upper

117 100

119 97.9 77.1 115.7

201 105.3 76.9 115.3

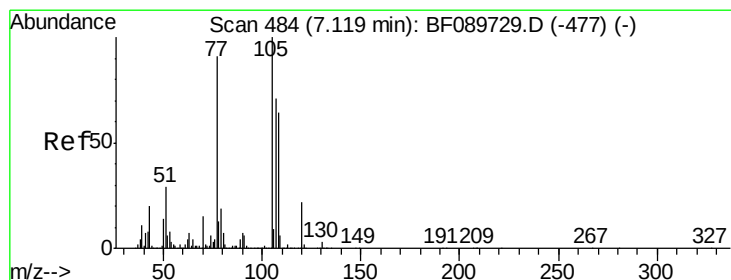
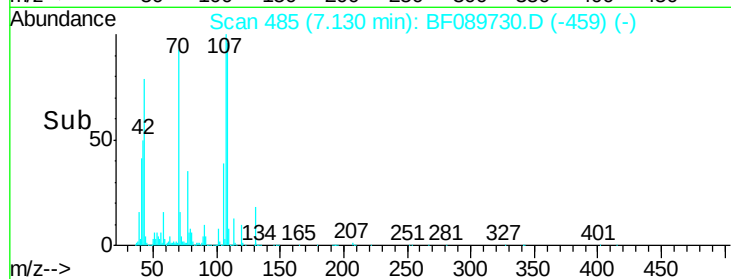
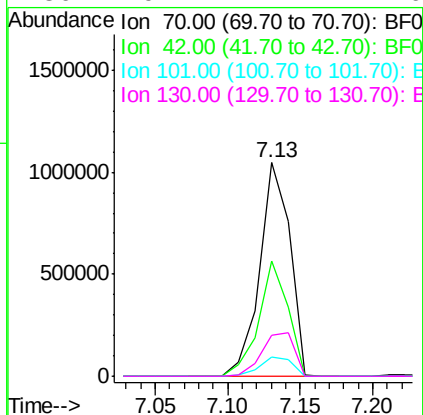
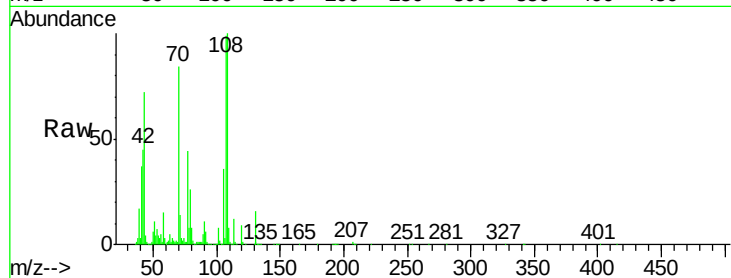




#19
 n-Nitroso-di-n-propylamine
 Concen: 47.14 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

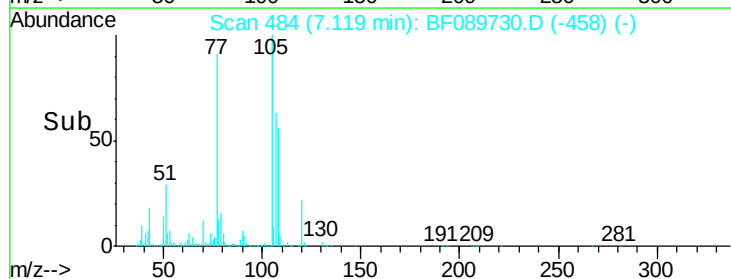
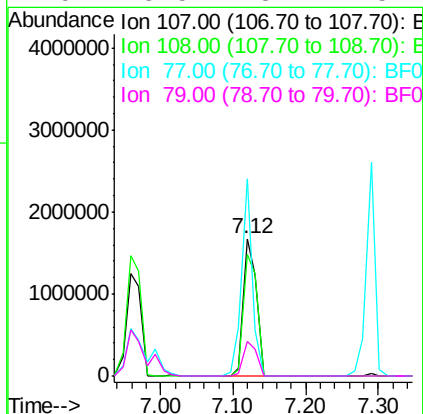
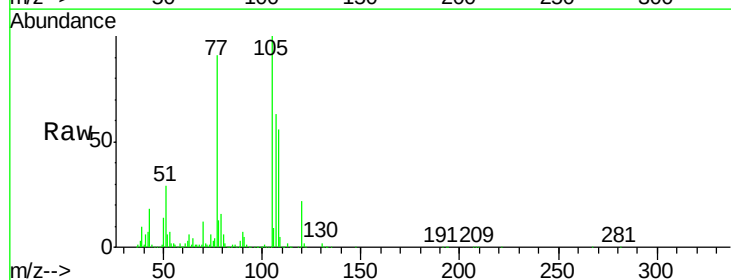
Instrument :
 BNA_F
 ClientSampleId :

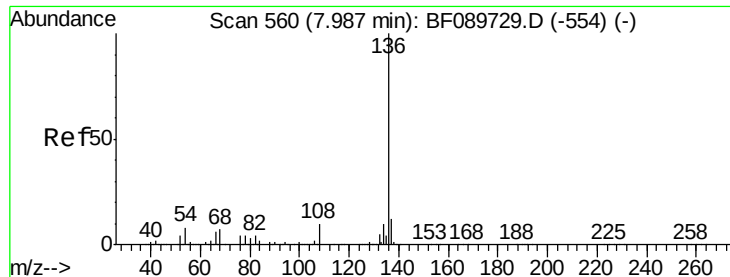
Tot Ion: 70 Resp: 1513584
 Ion Ratio Lower Upper
 70 100
 42 53.7 46.3 69.5
 101 9.0 7.0 10.6
 130 19.1 14.4 21.6



#20
 3+4-Methylphenols
 Concen: 46.58 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion: 107 Resp: 2084192
 Ion Ratio Lower Upper
 107 100
 108 88.2 68.2 108.2
 77 143.2 122.3 162.3
 79 25.5 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: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 2573502

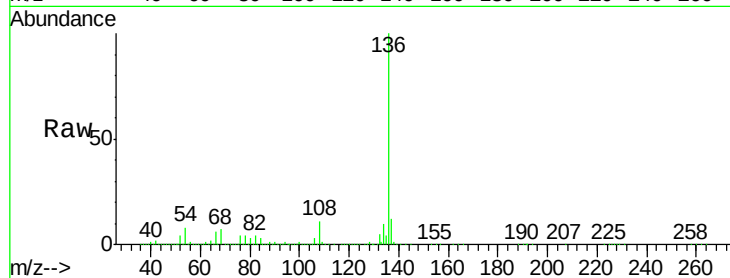
Ion Ratio Lower Upper

136 100

137 12.1 9.2 13.8

54 8.2 7.2 10.8

68 7.0 5.8 8.8

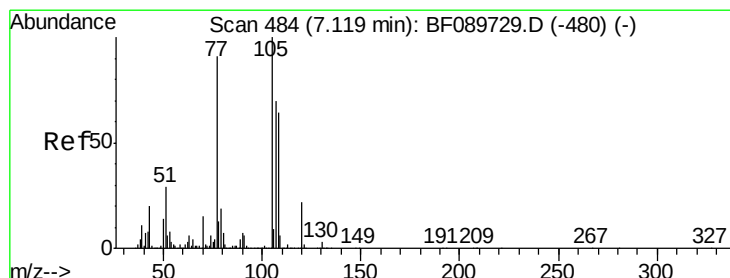
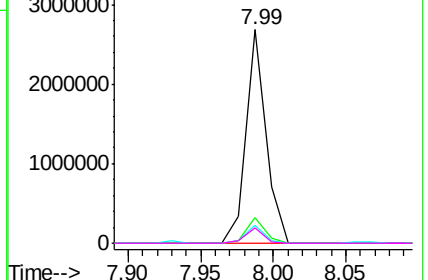
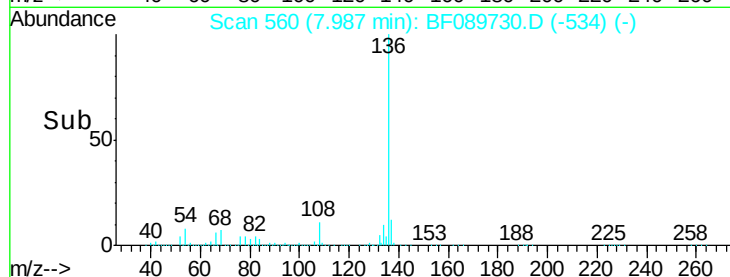


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 43.05 ng

RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:105 Resp: 2642363

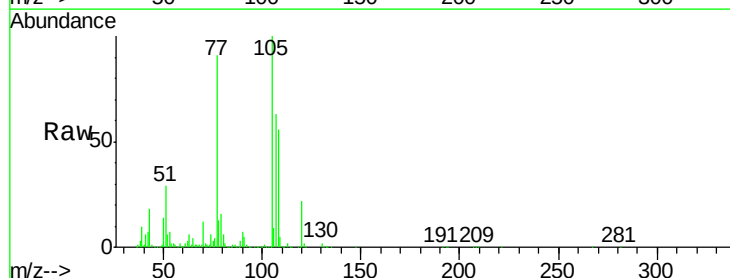
Ion Ratio Lower Upper

105 100

71 2.0 1.9 2.9

51 29.4 28.5 42.7

120 22.4 16.6 25.0

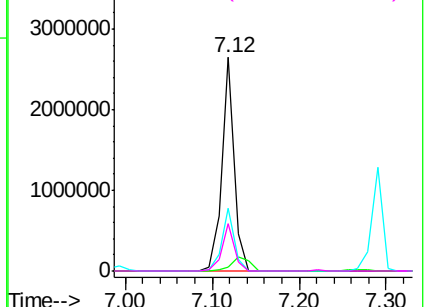
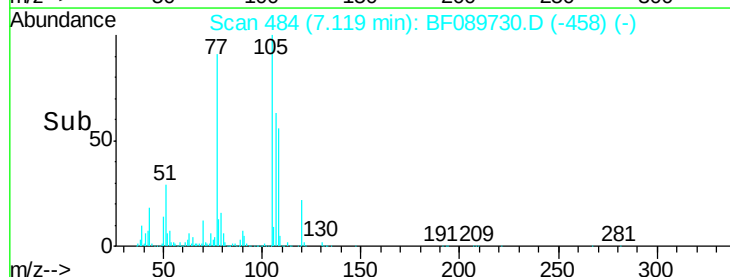


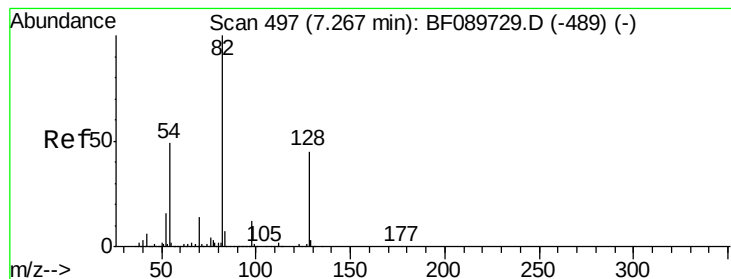
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 50.19 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

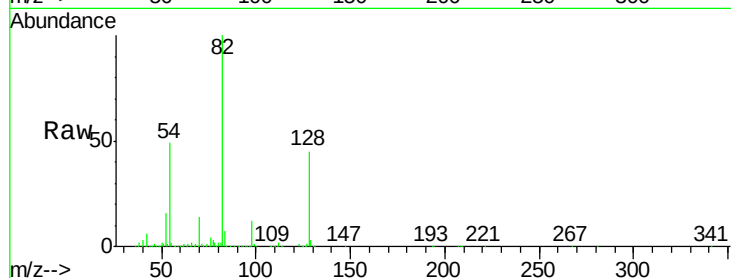
Tot Ion: 82 Resp: 4262332

Ion Ratio Lower Upper

82 100

128 44.5 34.4 51.6

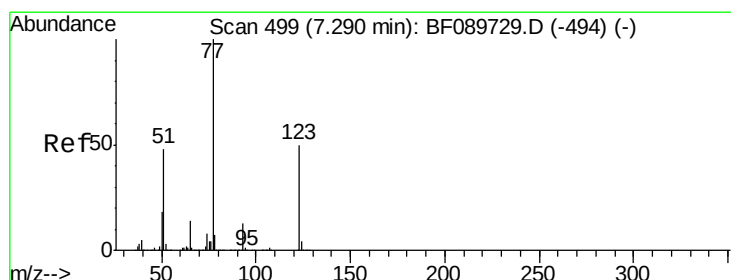
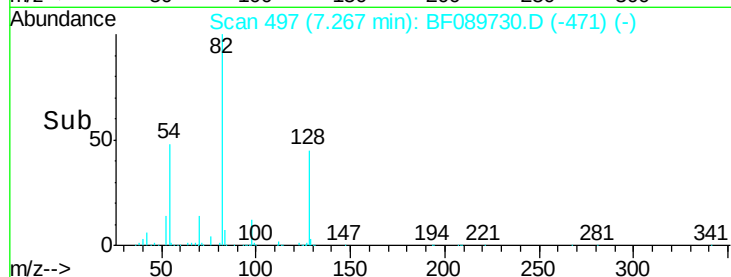
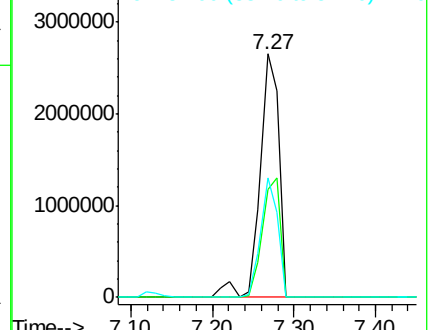
54 49.0 40.3 60.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 48.29 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

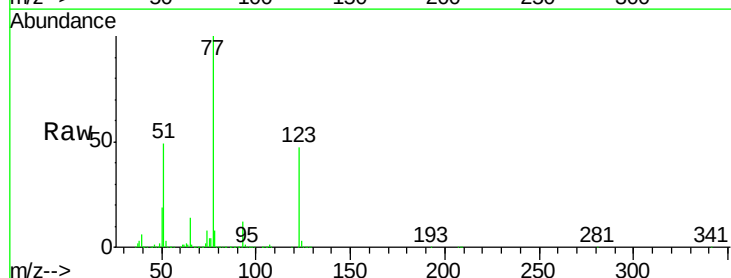
Tgt Ion: 77 Resp: 2201000

Ion Ratio Lower Upper

77 100

123 47.3 36.2 54.2

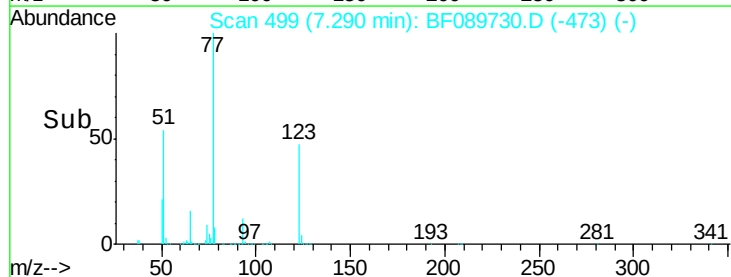
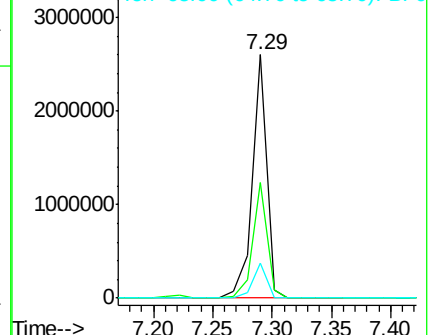
65 14.2 10.6 15.8

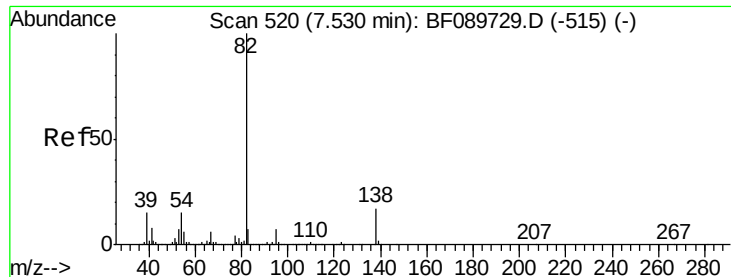


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 48.76 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

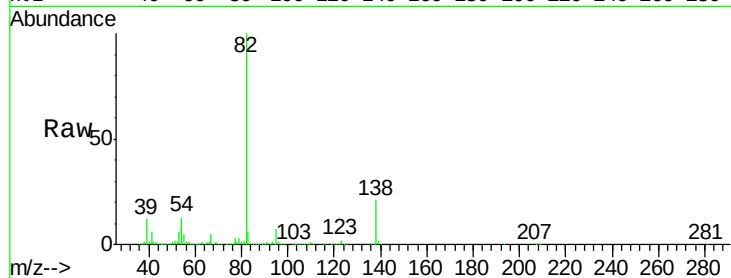
Tot Ion: 82 Resp: 4141273

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

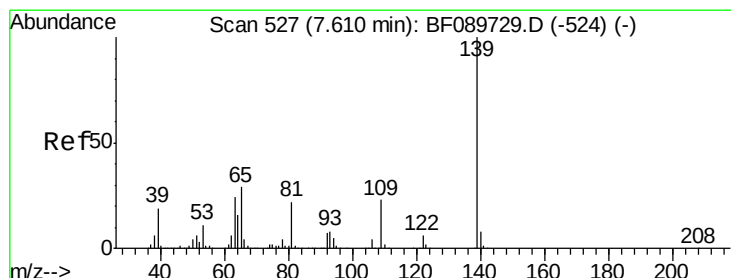
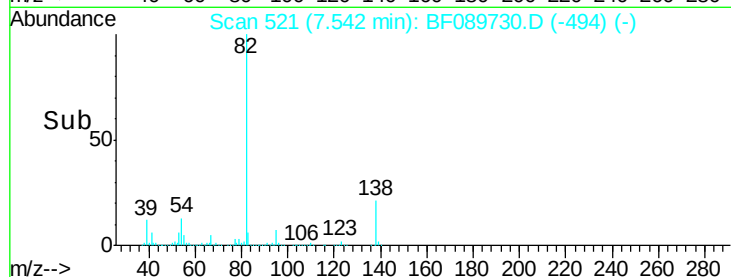
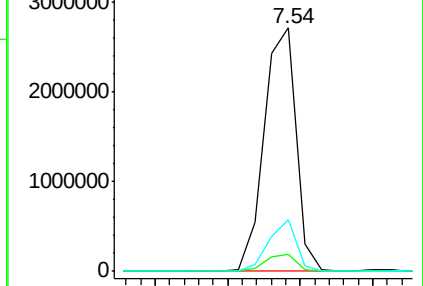
138 21.4 13.0 19.4#



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: 58.43 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

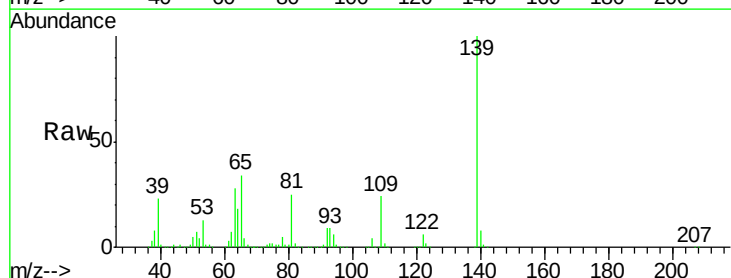
Tgt Ion:139 Resp: 1234749

Ion Ratio Lower Upper

139 100

109 24.3 19.5 29.3

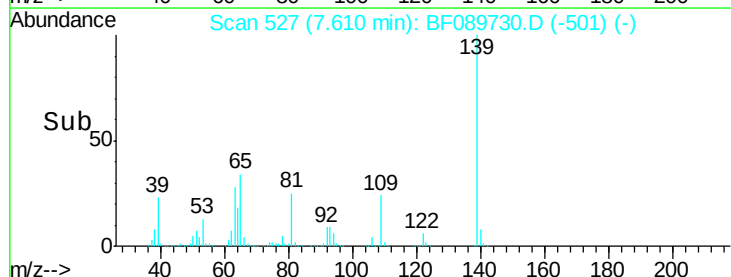
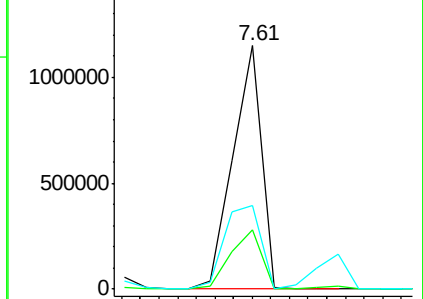
65 34.3 26.5 39.7

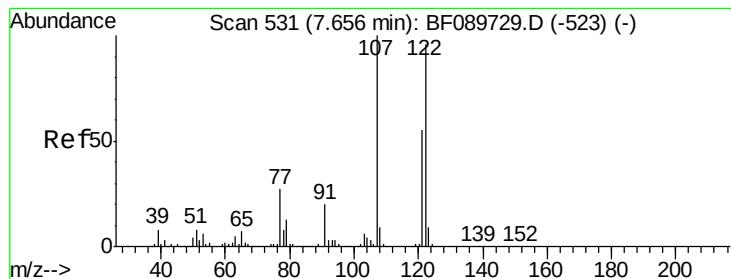


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 52.66 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

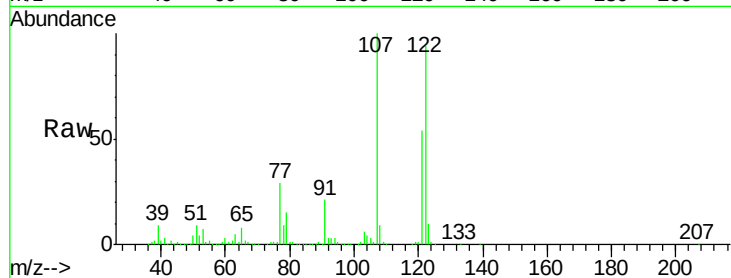
Tot Ion:122 Resp: 2213632

Ion Ratio Lower Upper

122 100

107 106.0 84.8 127.2

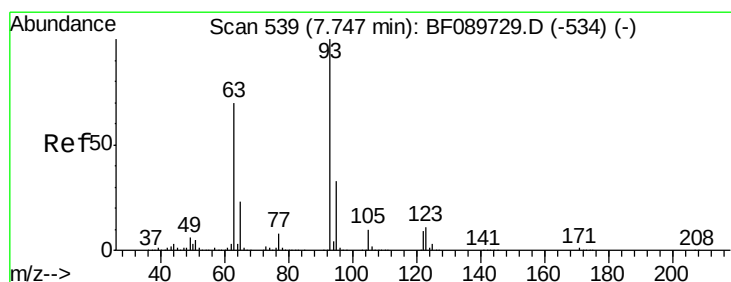
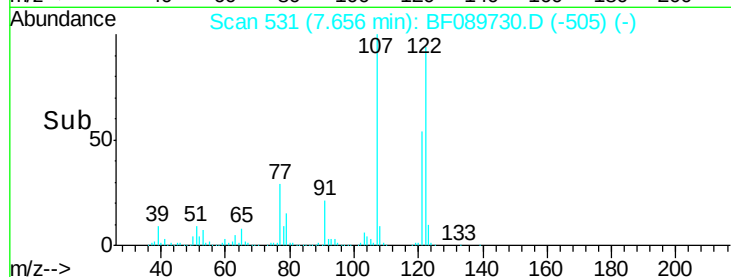
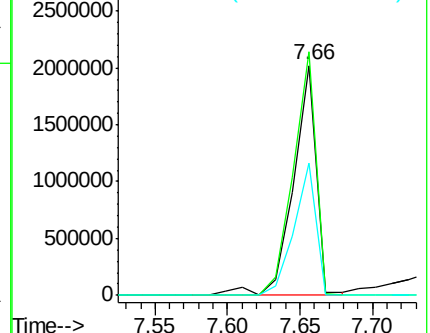
121 57.6 47.0 70.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.66 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

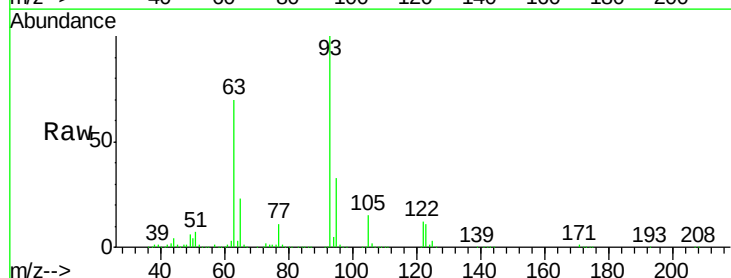
Tgt Ion: 93 Resp: 2410733

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

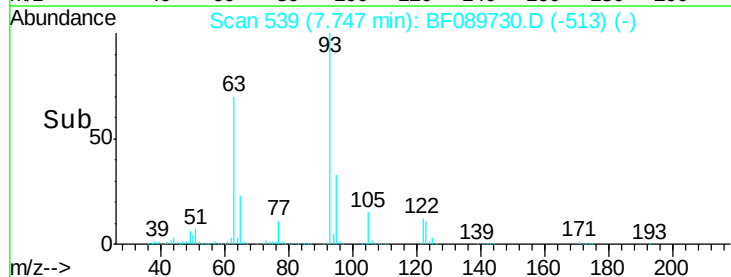
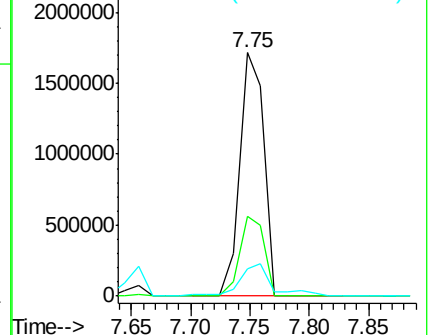
123 11.3 8.5 12.7

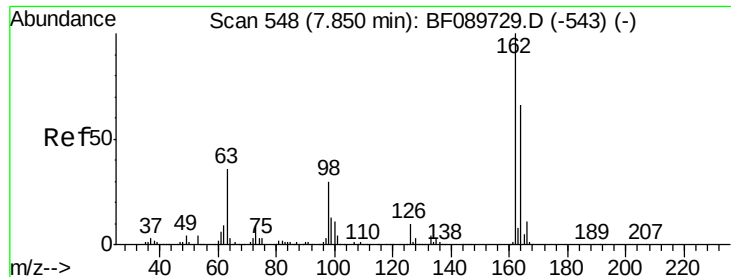


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

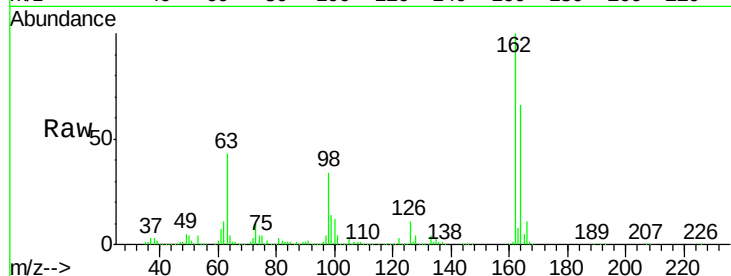




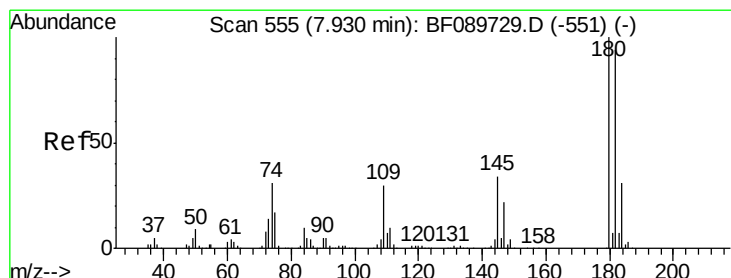
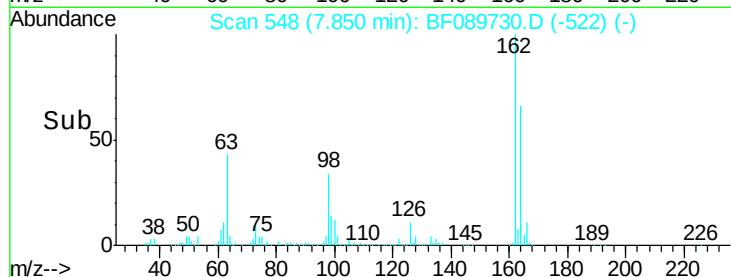
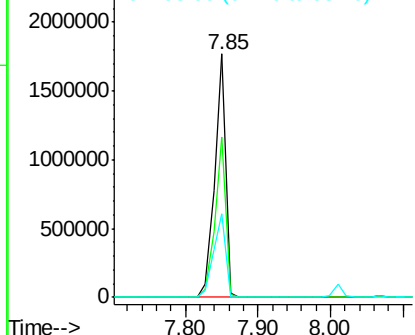
#29
 2,4-Dichlorophenol
 Concen: 51.43 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1837699
 Ion Ratio Lower Upper
 162 100
 164 65.6 45.5 85.5
 98 34.3 12.4 52.4

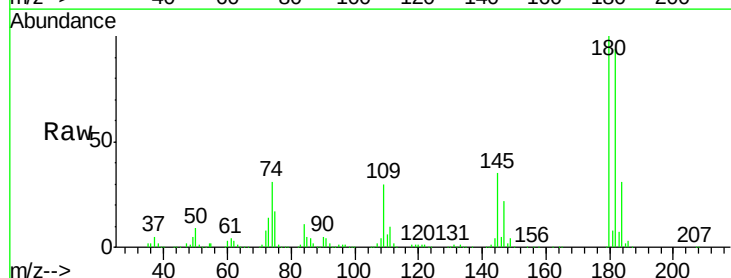


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

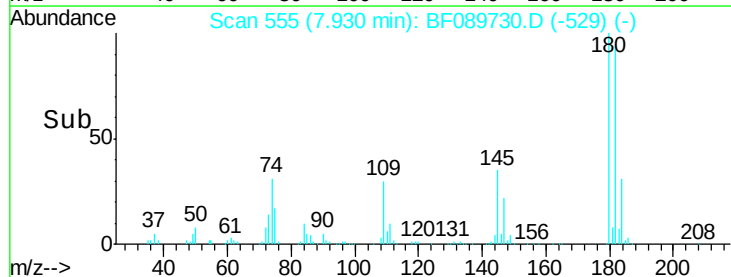
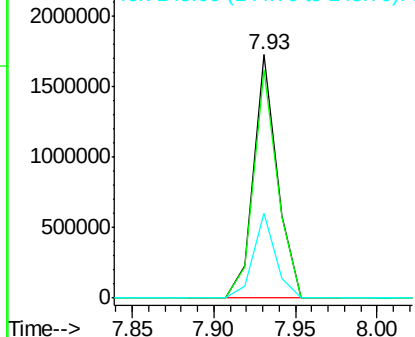


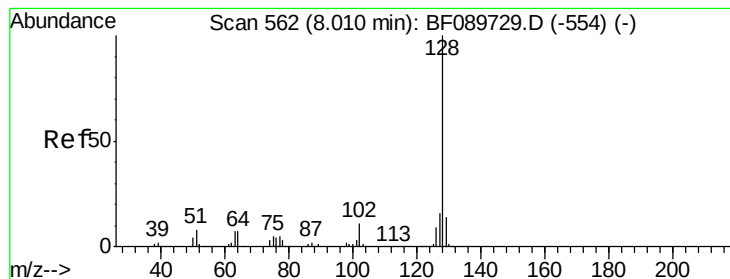
#30
 1,2,4-Trichlorobenzene
 Concen: 46.50 ng
 RT: 7.93 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:180 Resp: 1749968
 Ion Ratio Lower Upper
 180 100
 182 93.7 75.5 113.3
 145 34.8 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: 43.89 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

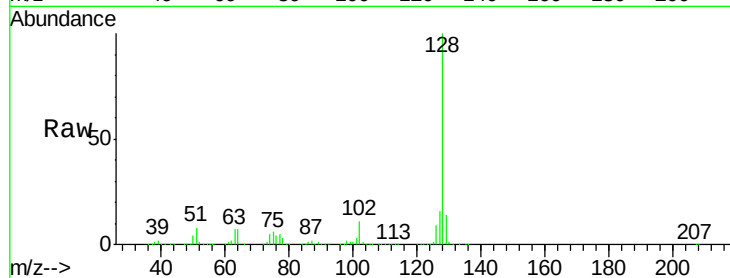
Tot Ion:128 Resp: 5082366

Ion Ratio Lower Upper

128 100

129 13.9 9.5 14.3

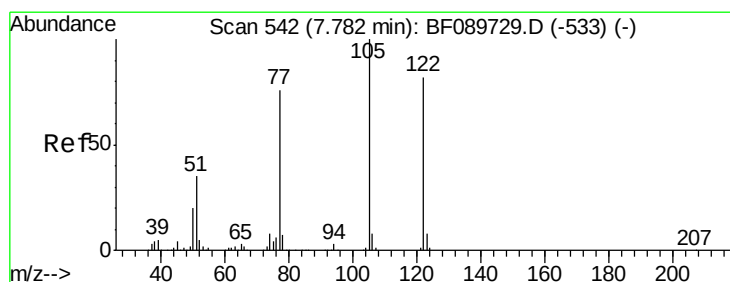
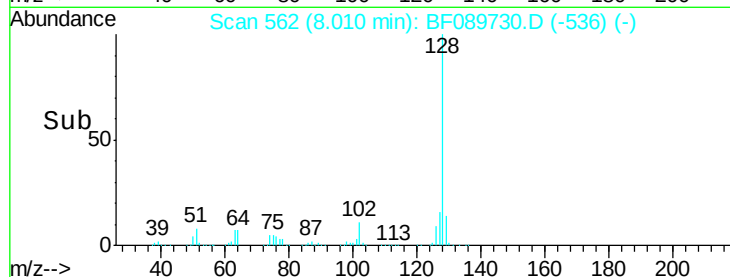
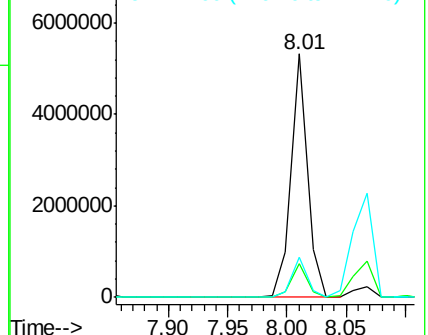
127 16.4 11.3 16.9



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: 63.05 ng

RT: 7.79 min Scan# 543

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

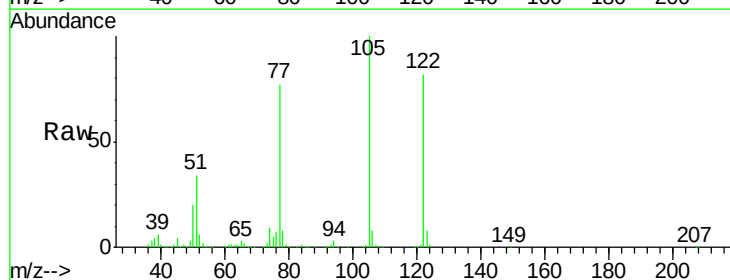
Tgt Ion:122 Resp: 1698335

Ion Ratio Lower Upper

122 100

105 121.8 100.8 140.8

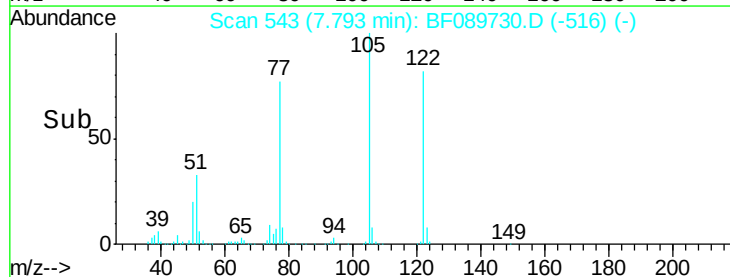
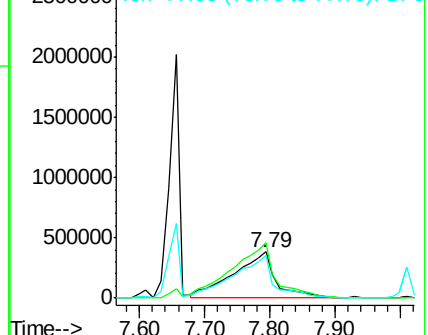
77 94.0 72.1 112.1

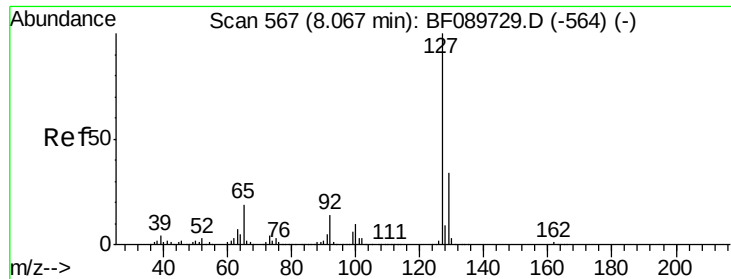


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

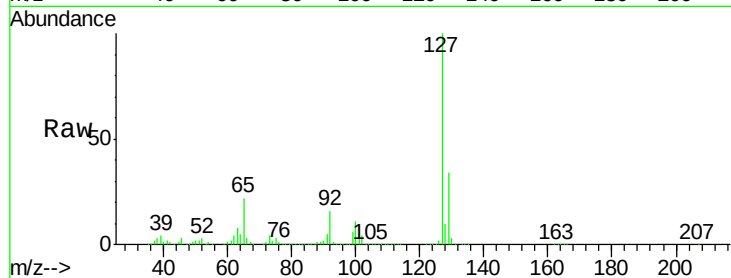




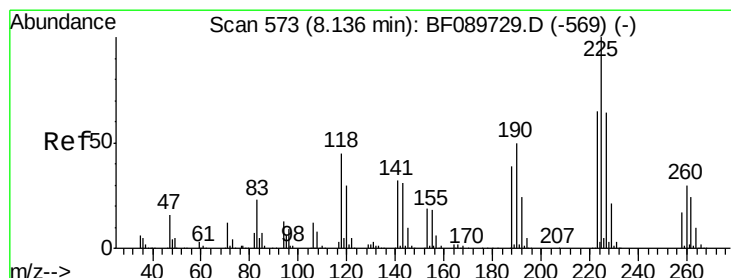
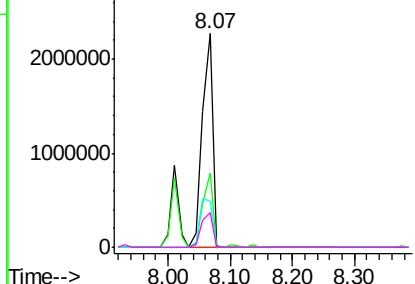
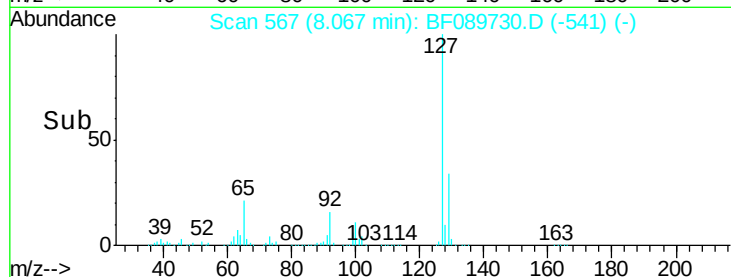
#33
4-Chloroaniline
Concen: 48.29 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 2674766
Ion Ratio Lower Upper
127 100
129 34.5 27.0 40.6
65 21.6 14.7 22.1
92 16.1 11.7 17.5

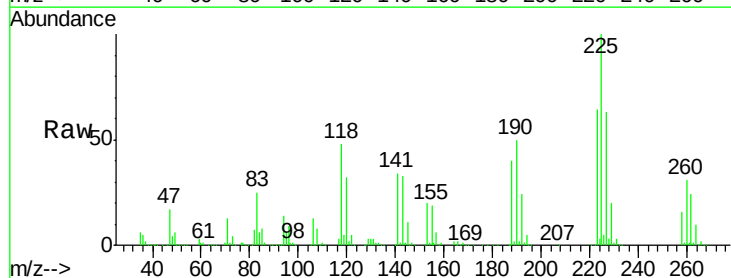


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

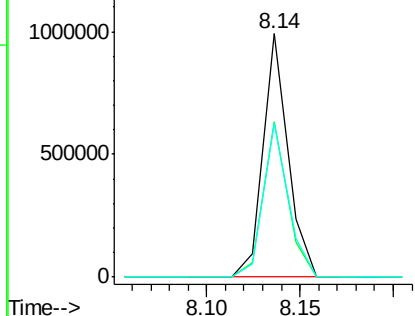
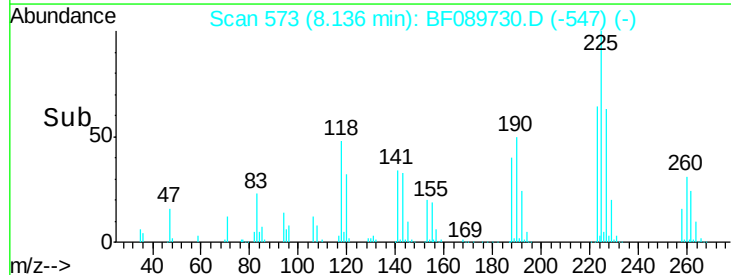


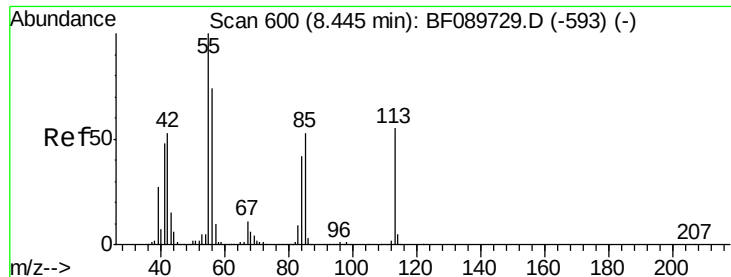
#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:225 Resp: 907716
Ion Ratio Lower Upper
225 100
223 64.0 51.0 76.6
227 63.4 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

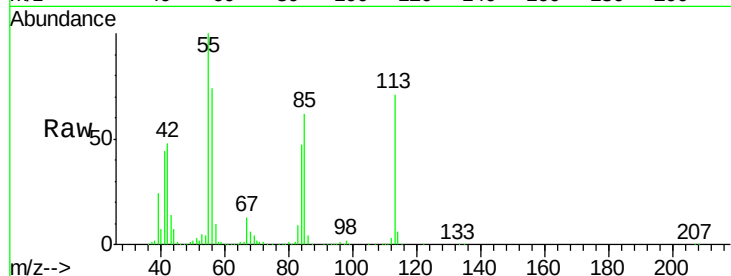




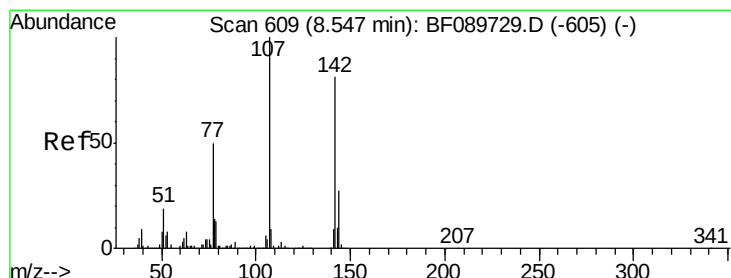
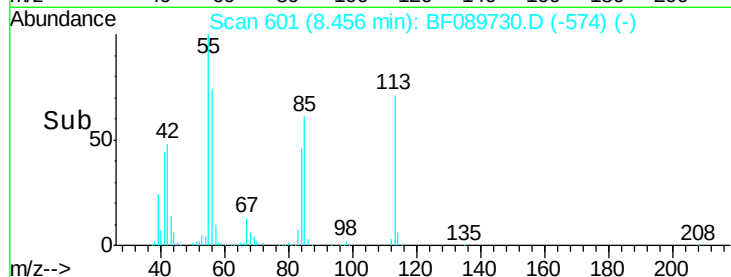
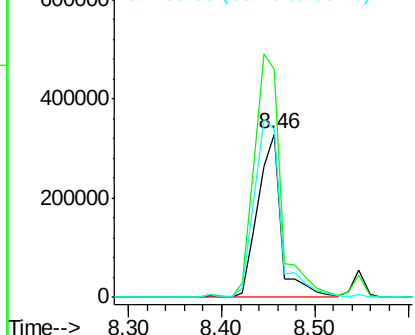
#35
 Caprolactam
 Concen: 52.57 ng
 RT: 8.46 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 580005
 Ion Ratio Lower Upper
 113 100
 55 140.0 135.9 175.9
 56 103.0 93.9 133.9

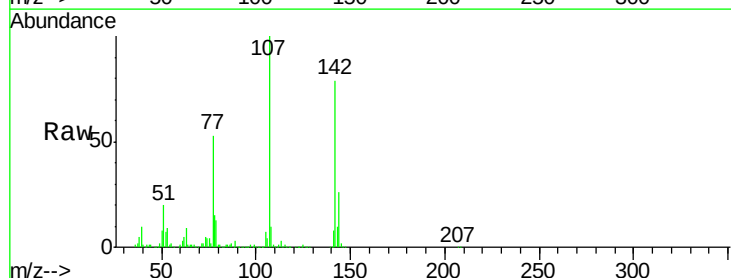


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

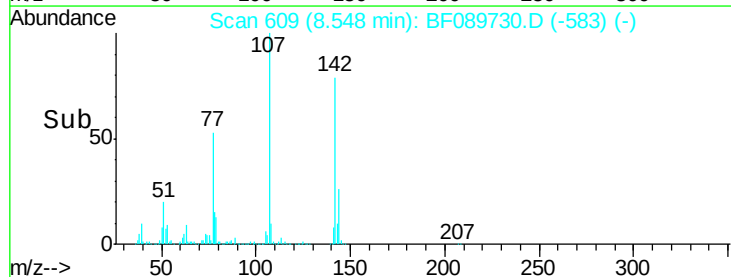
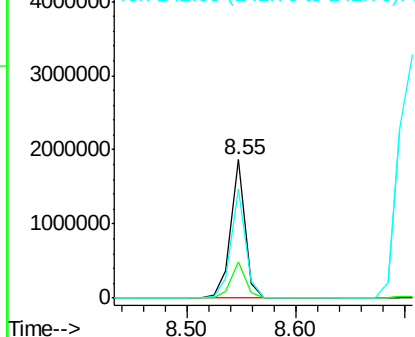


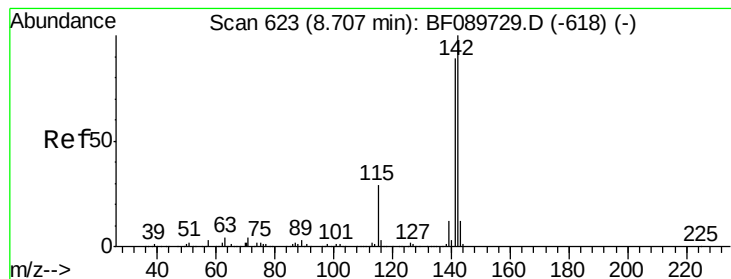
#36
 4-Chloro-3-methylphenol
 Concen: 45.82 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:107 Resp: 1705855
 Ion Ratio Lower Upper
 107 100
 144 26.1 22.6 34.0
 142 78.8 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

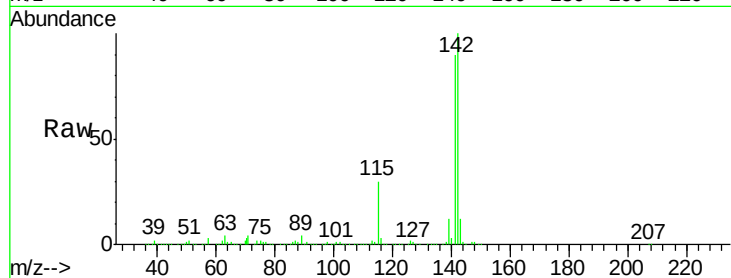




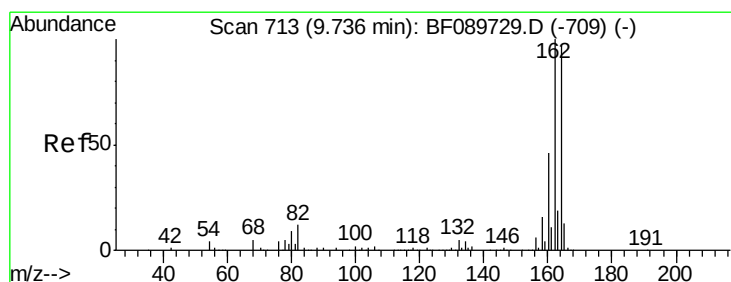
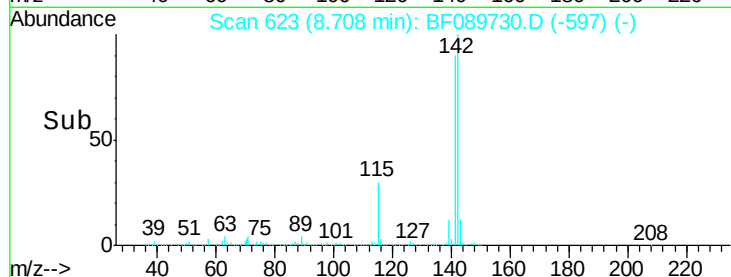
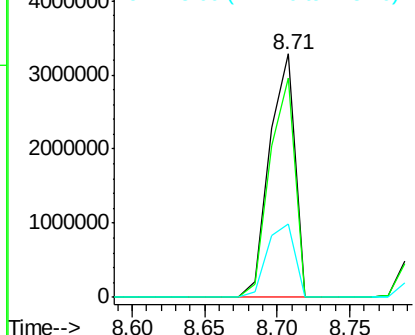
#37
2-Methylnaphthalene
Concen: 49.52 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 3959664
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 30.4 22.7 34.1

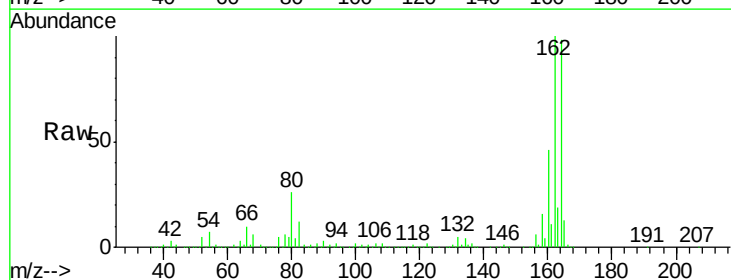


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

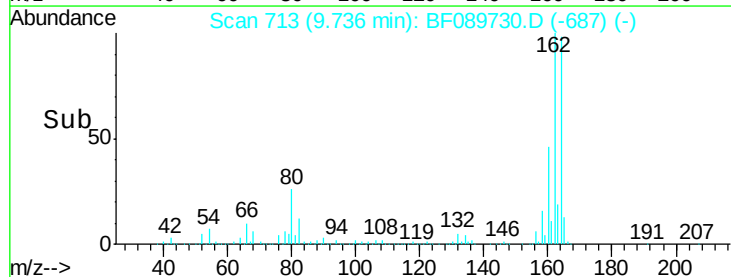
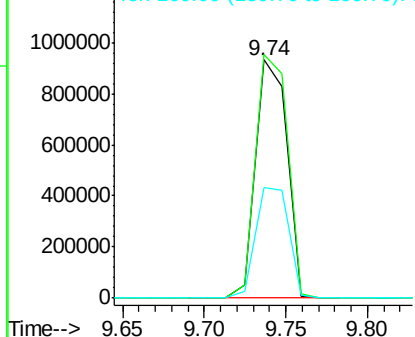


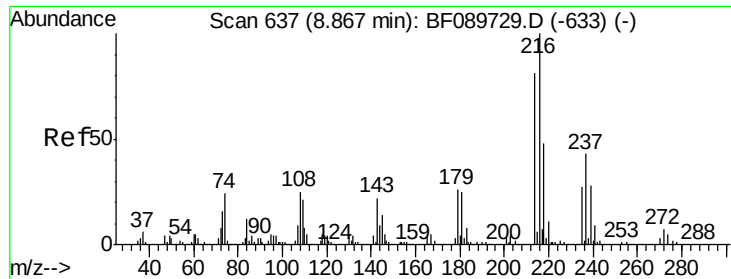
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:164 Resp: 1247861
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.2
160 46.5 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

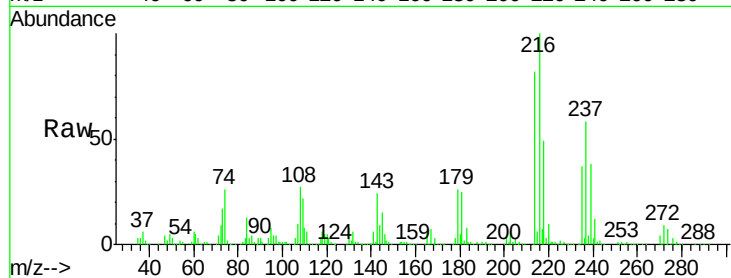




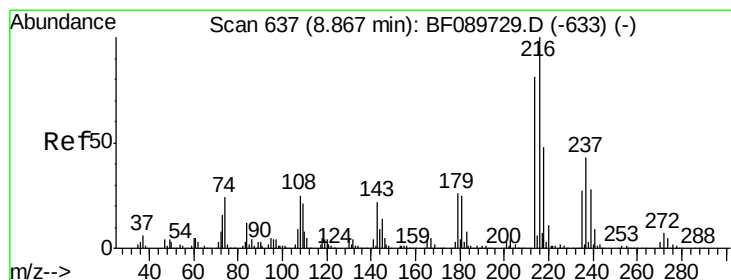
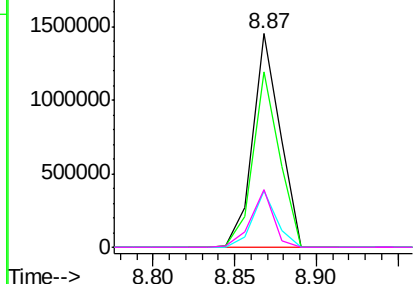
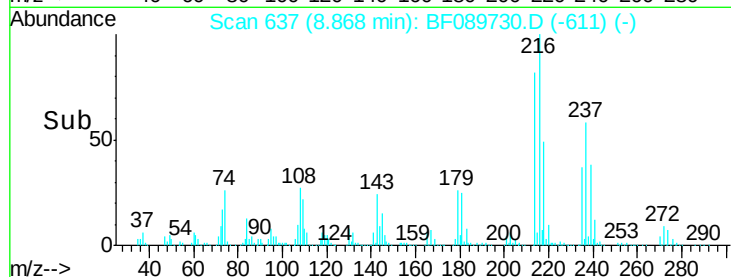
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 48.19 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 1681584
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.5 95.3
 179 22.8 19.9 29.9
 108 22.4 19.9 29.9

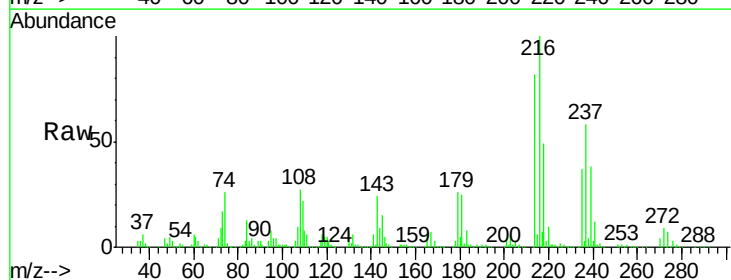


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

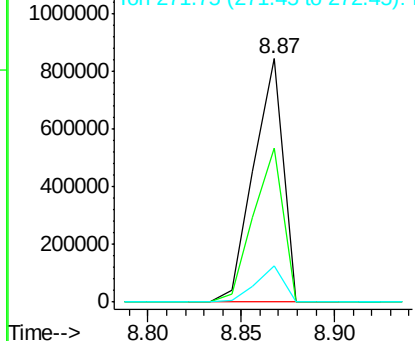
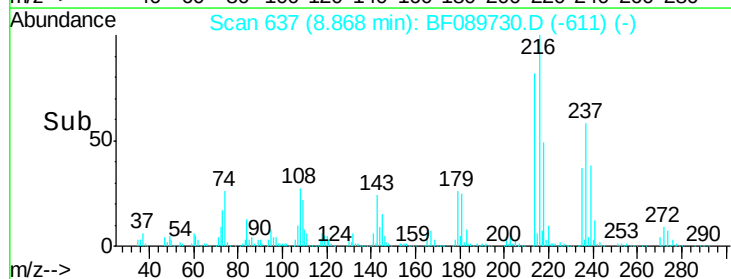


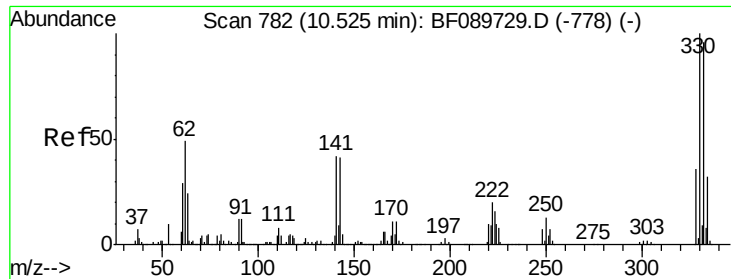
#40
 Hexachlorocyclopentadiene
 Concen: 47.72 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:237 Resp: 919696
 Ion Ratio Lower Upper
 237 100
 235 63.1 43.7 83.7
 272 14.9 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

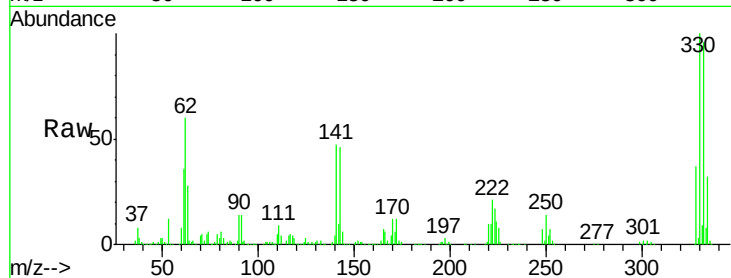




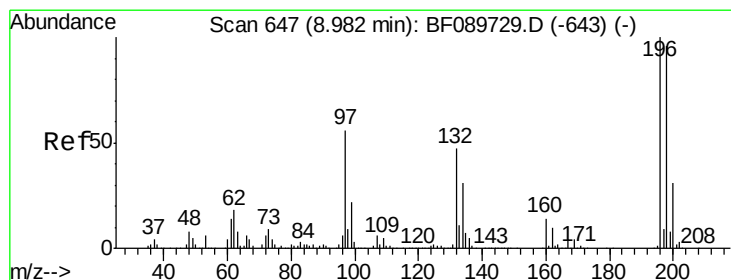
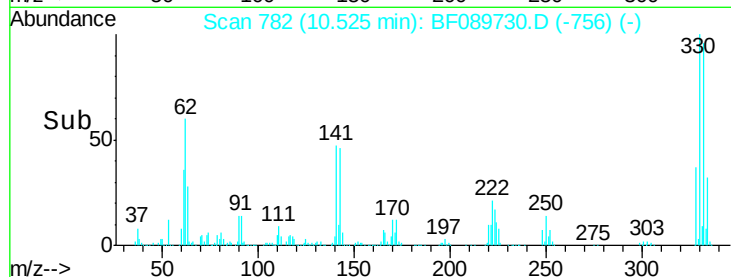
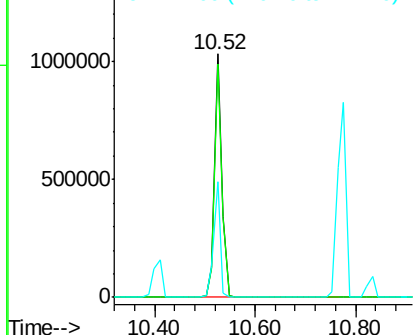
#41
 2,4,6-Tribromophenol
 Concen: 42.52 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 1053316
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 42.5 30.2 45.2

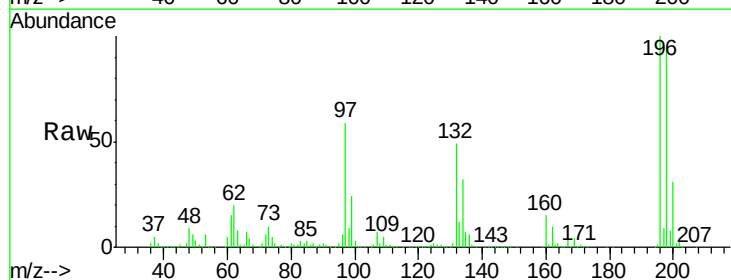


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

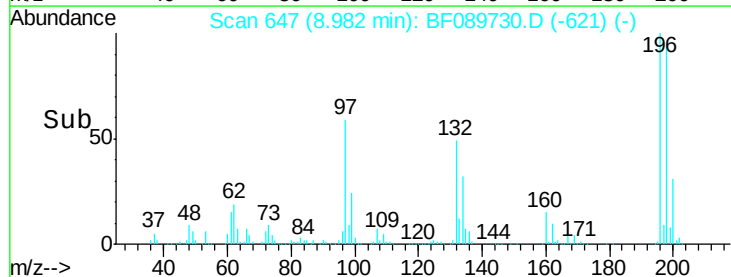
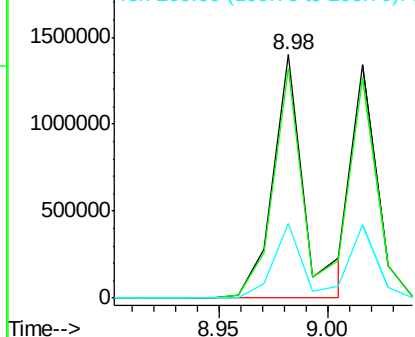


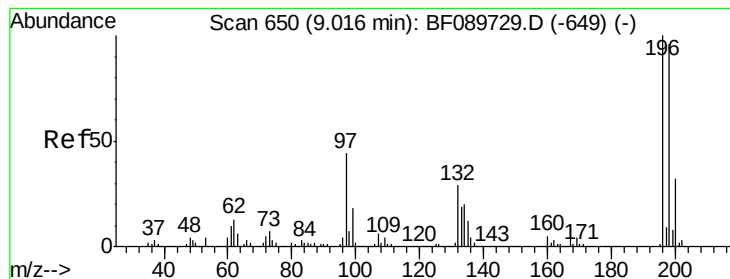
#42
 2,4,6-Trichlorophenol
 Concen: 56.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:196 Resp: 1404465
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.8 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: 44.43 ng

RT: 9.02 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:196 Resp: 1059308

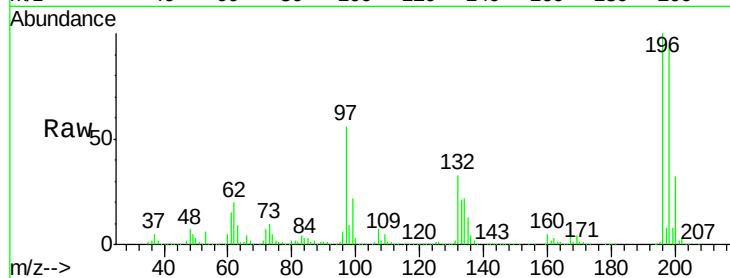
Ion Ratio Lower Upper

196 100

198 94.2 76.6 114.8

97 55.8 35.8 53.8#

132 33.3 23.5 35.3

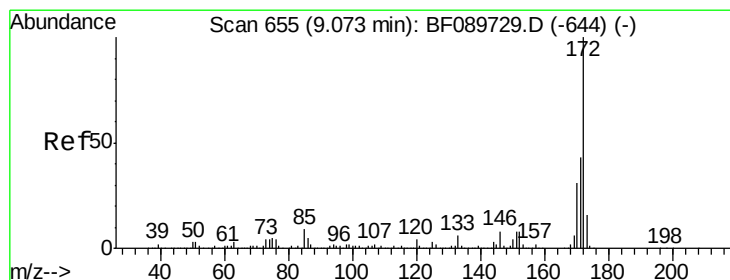
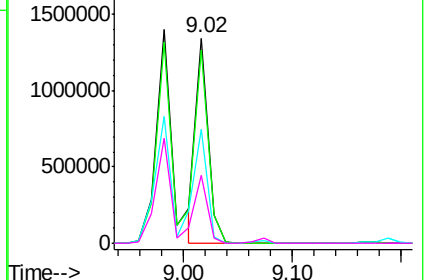
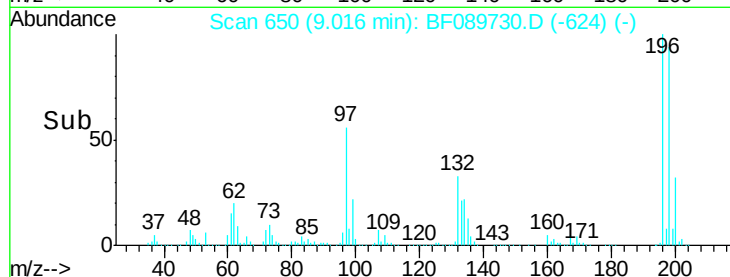


Abundance Ion 196.00 (195.70 to 196.70): E

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: 40.12 ng

RT: 9.07 min Scan# 655

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

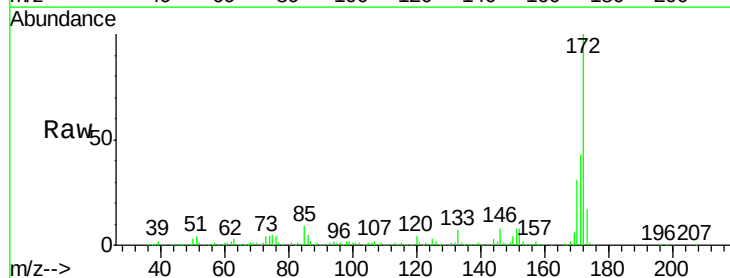
Tgt Ion:172 Resp: 5742298

Ion Ratio Lower Upper

172 100

171 43.3 30.5 45.7

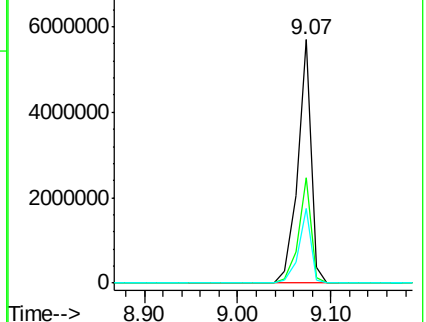
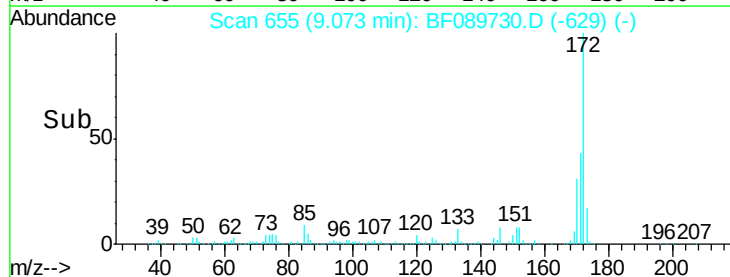
170 30.7 20.6 31.0

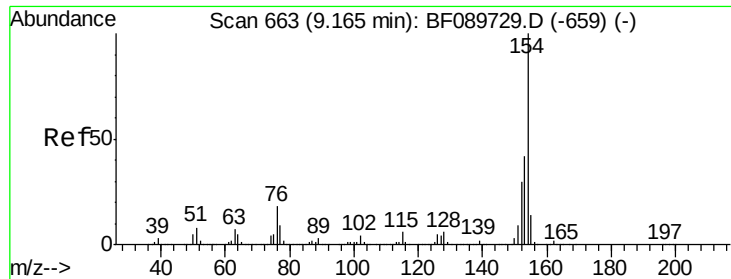


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

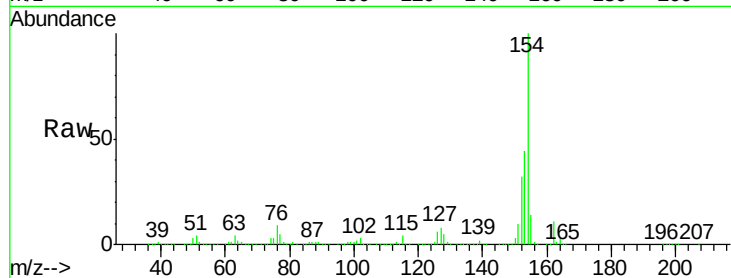




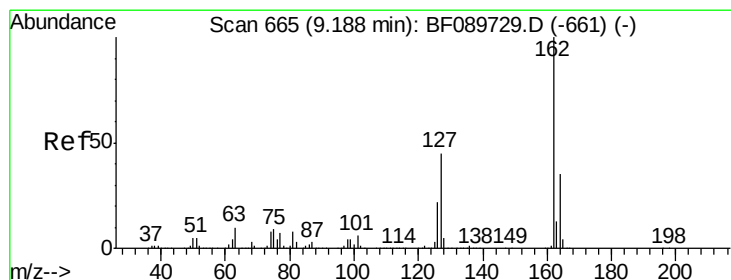
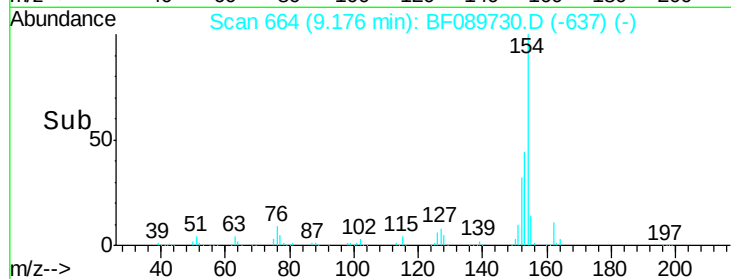
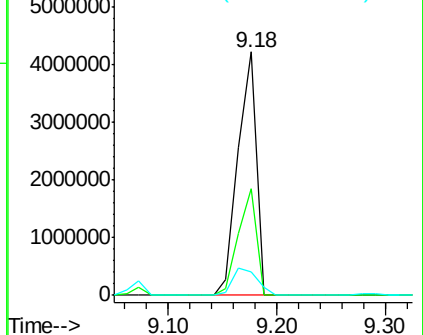
#45
 1,1'-Biphenyl
 Concen: 46.90 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 4848432
 Ion Ratio Lower Upper
 154 100
 153 44.0 21.5 61.5
 76 9.5 0.0 36.7

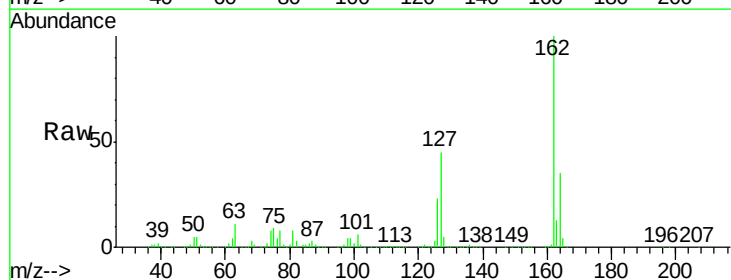


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

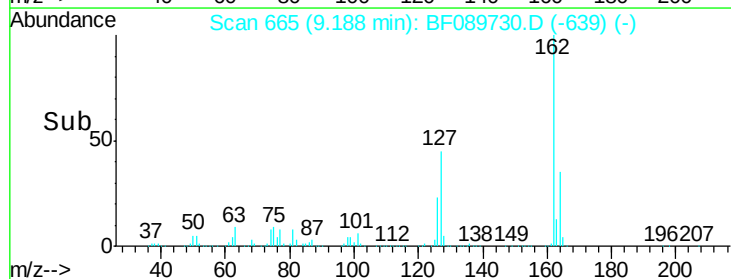
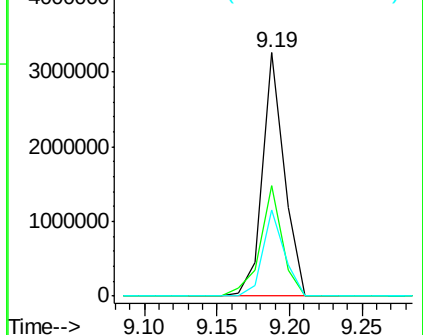


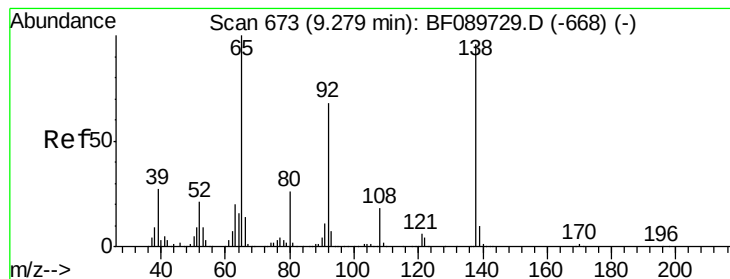
#46
 2-Chloronaphthalene
 Concen: 45.33 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:162 Resp: 3397687
 Ion Ratio Lower Upper
 162 100
 127 45.5 35.5 53.3
 164 35.4 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 49.80 ng

RT: 9.29 min Scan# 674

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

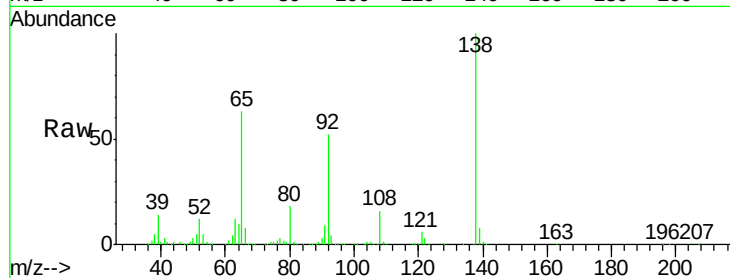
Tot Ion: 65 Resp: 1207043

Ion Ratio Lower Upper

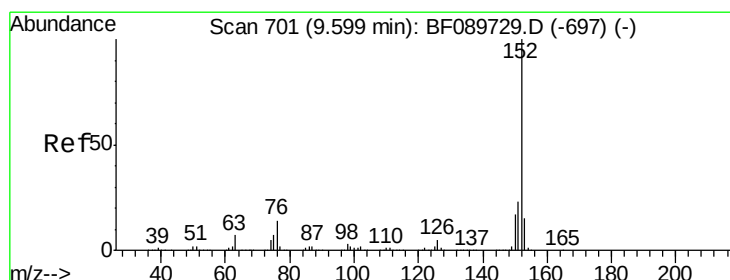
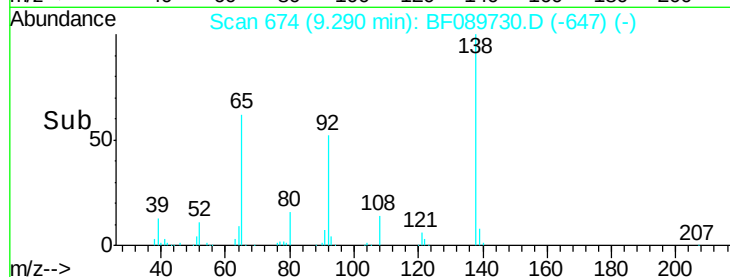
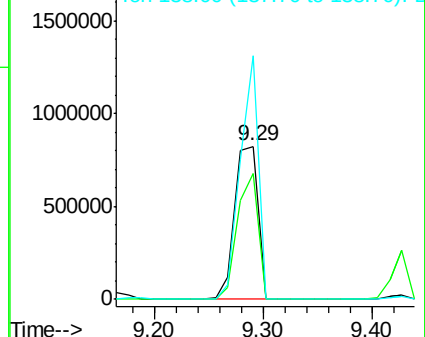
65 100

92 82.6 56.3 84.5

138 159.3 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): E



#48

Acenaphthylene

Concen: 46.73 ng

RT: 9.60 min Scan# 701

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

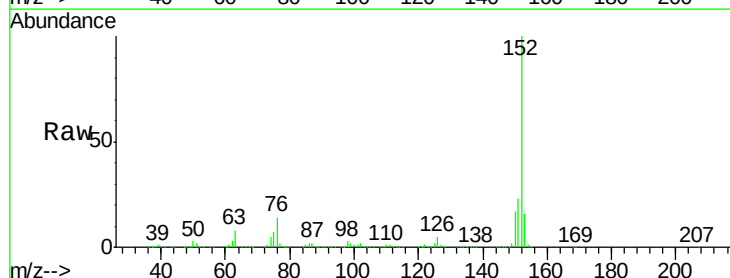
Tgt Ion:152 Resp: 5514294

Ion Ratio Lower Upper

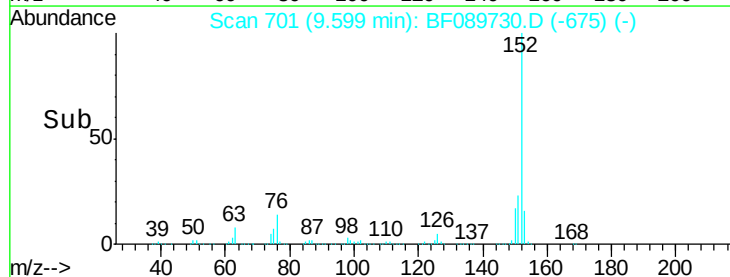
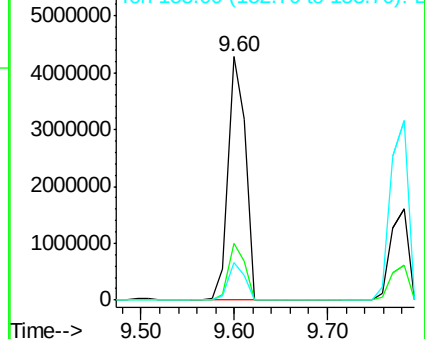
152 100

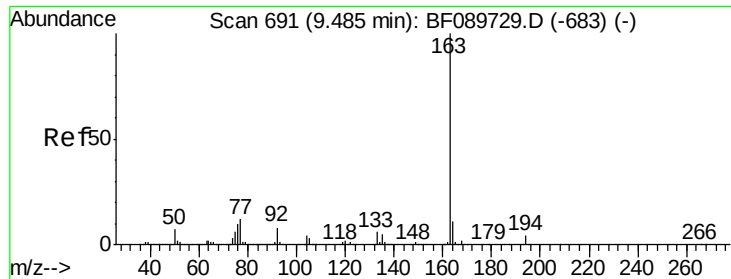
151 23.1 17.1 25.7

153 15.5 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

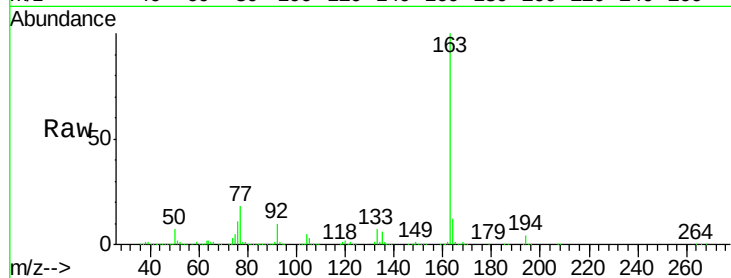




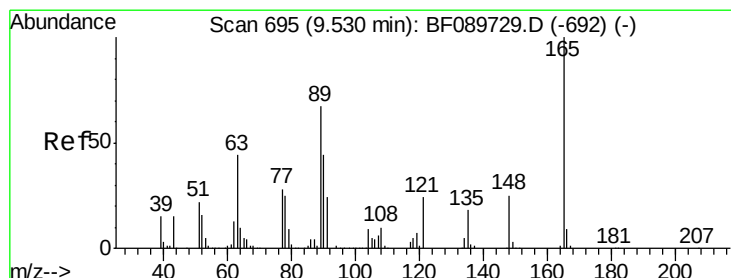
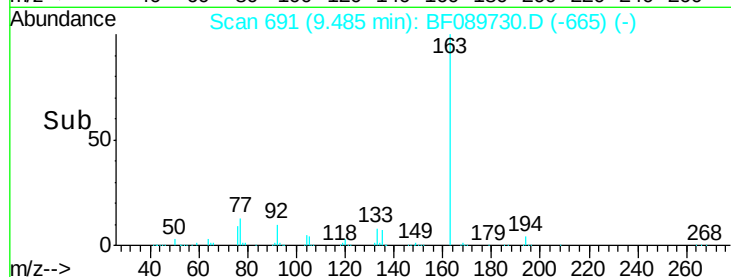
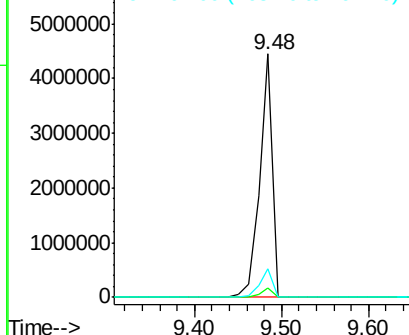
#49
Dimethylphthalate
Concen: 52.03 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 4550281
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 11.6 8.6 12.8

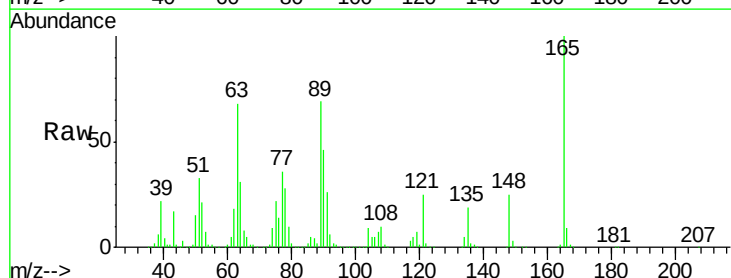


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

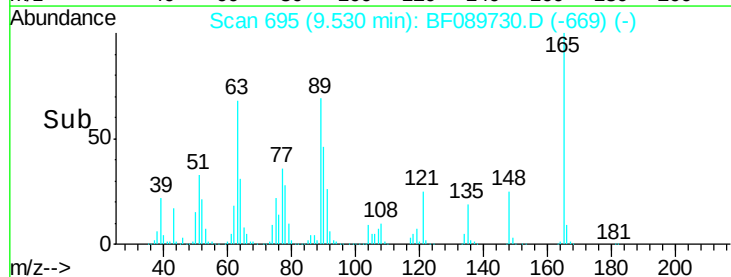
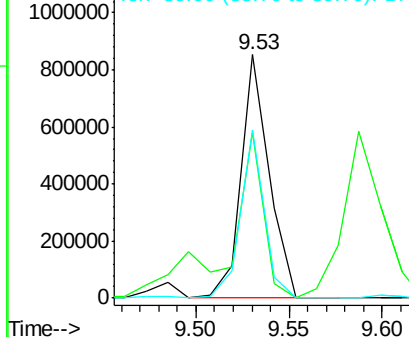


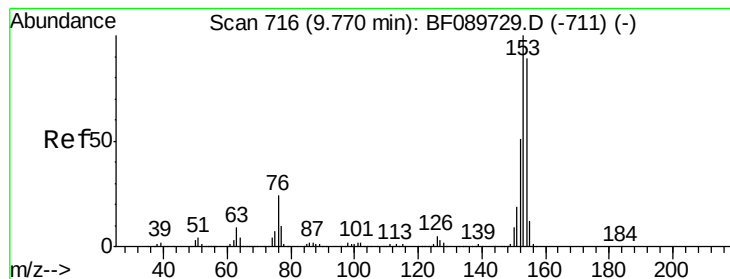
#50
2,6-Dinitrotoluene
Concen: 45.68 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:165 Resp: 884993
Ion Ratio Lower Upper
165 100
63 68.1 41.7 62.5#
89 69.0 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: 50.59 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

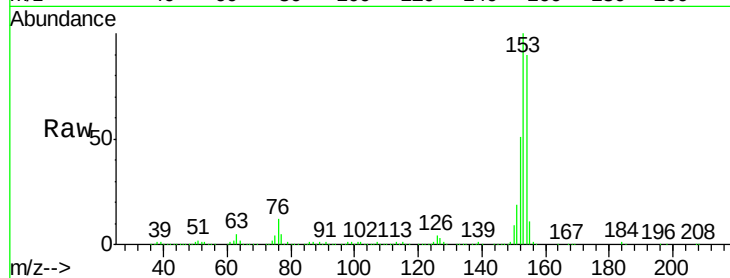
Tot Ion:154 Resp: 3908194

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

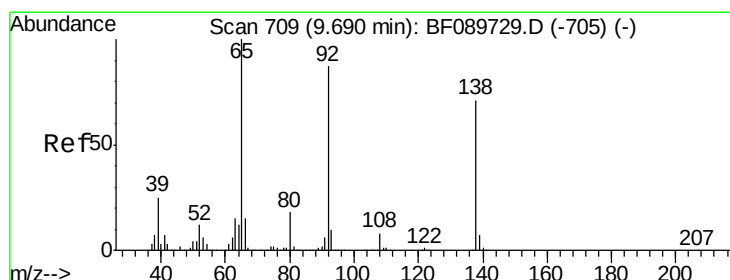
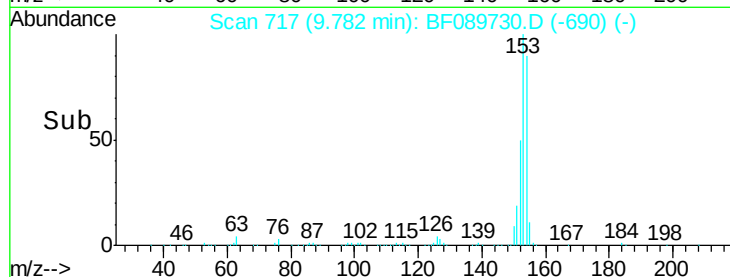
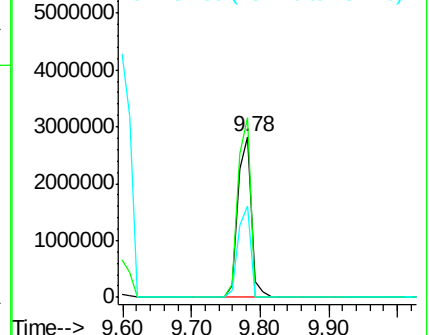
152 56.3 44.6 67.0



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: 53.40 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

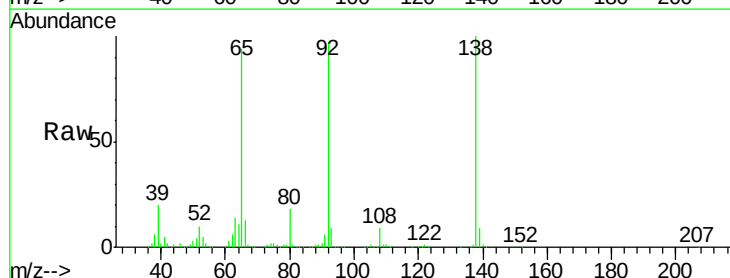
Tgt Ion:138 Resp: 1341693

Ion Ratio Lower Upper

138 100

108 8.9 8.1 12.1

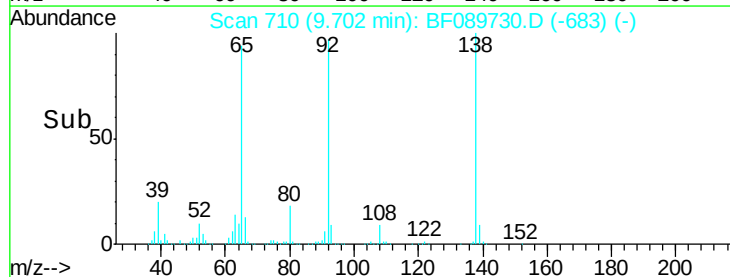
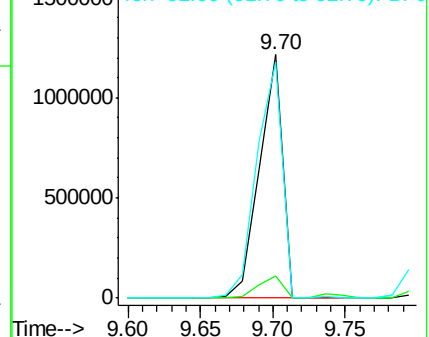
92 96.7 92.7 139.1

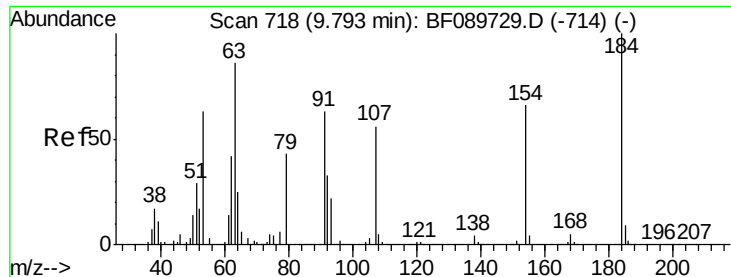


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

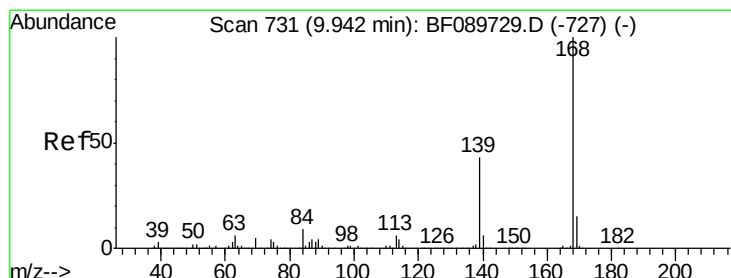
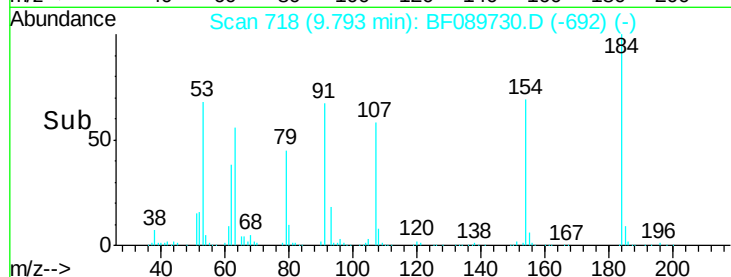
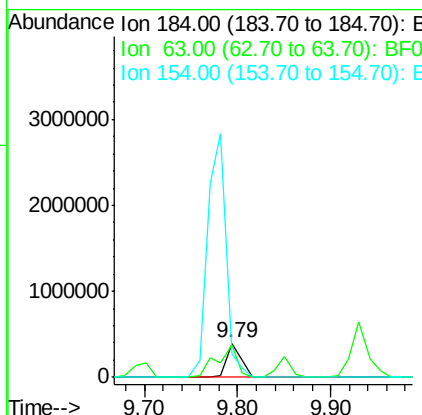
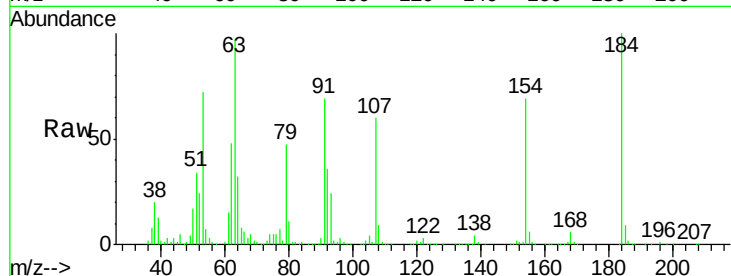




#53
2,4-Dinitrophenol
Concen: 63.57 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

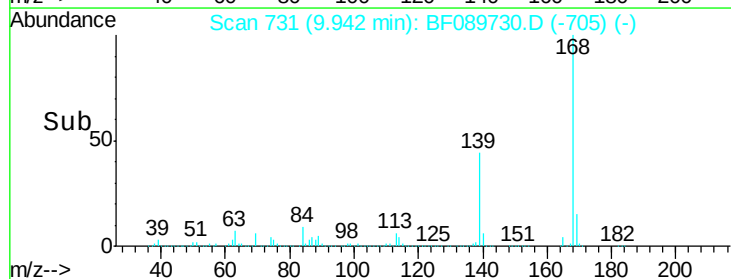
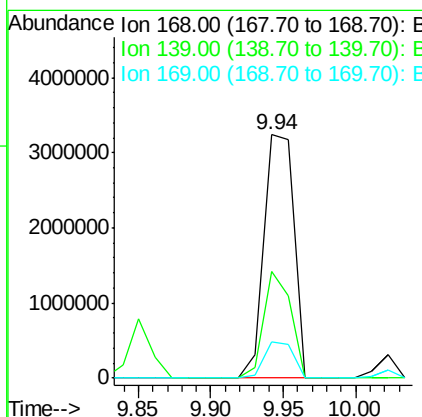
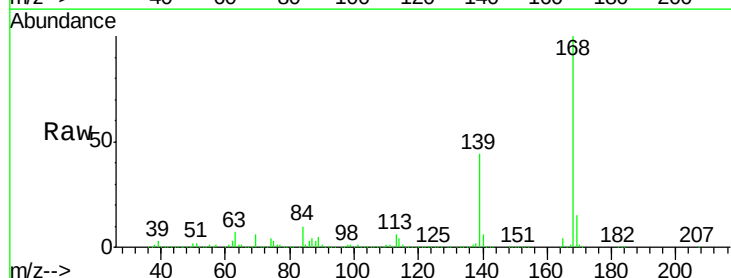
Instrument :
BNA_F
ClientSampleId :

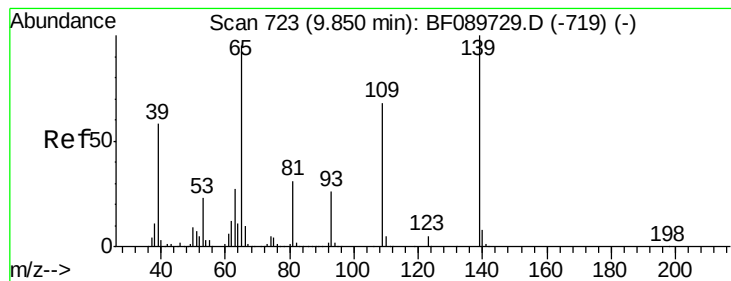
Tot Ion:184 Resp: 437604
Ion Ratio Lower Upper
184 100
63 96.8 54.2 81.4#
154 69.5 52.7 79.1



#54
Dibenzofuran
Concen: 42.28 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:168 Resp: 4630814
Ion Ratio Lower Upper
168 100
139 43.6 34.6 52.0
169 15.1 11.5 17.3





#55

4-Nitrophenol

Concen: 45.44 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

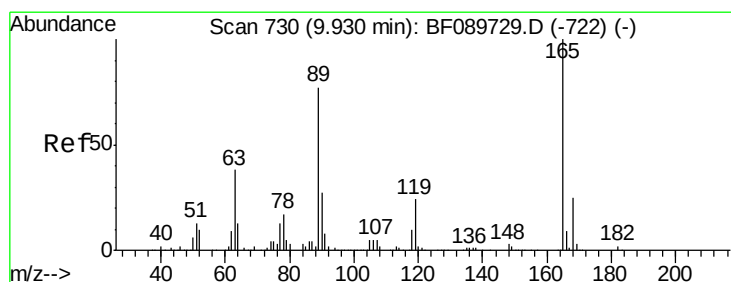
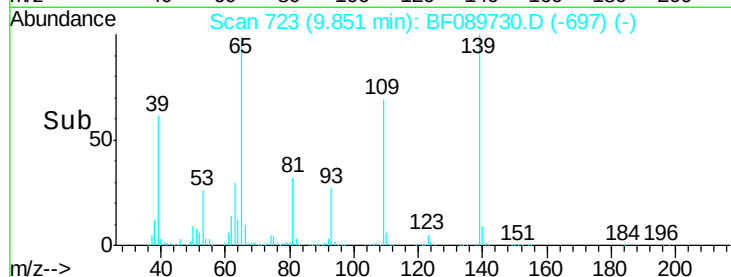
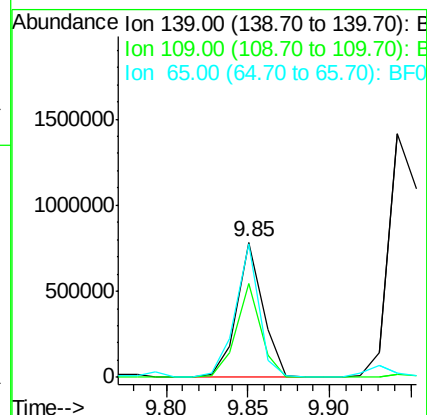
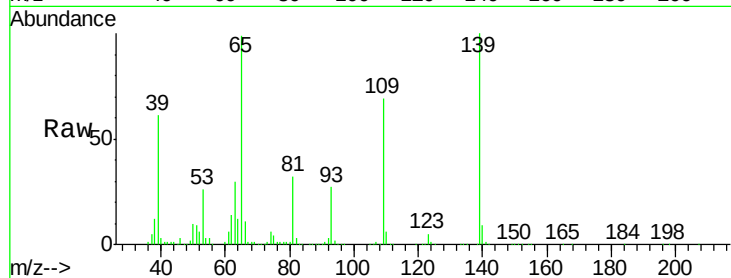
Tot Ion:139 Resp: 872833

Ion Ratio Lower Upper

139 100

109 68.9 43.0 83.0

65 99.0 55.7 95.7#



#56

2,4-Dinitrotoluene

Concen: 48.74 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:165 Resp: 1219746

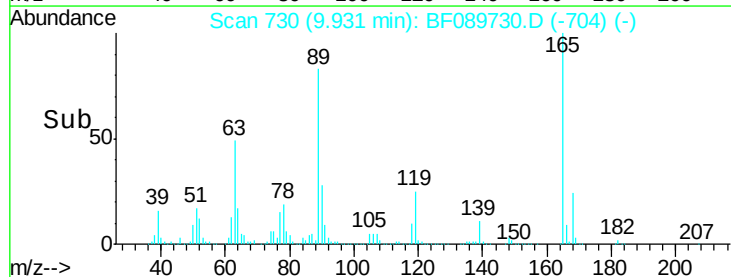
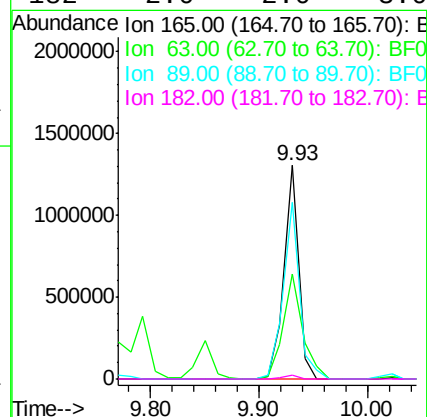
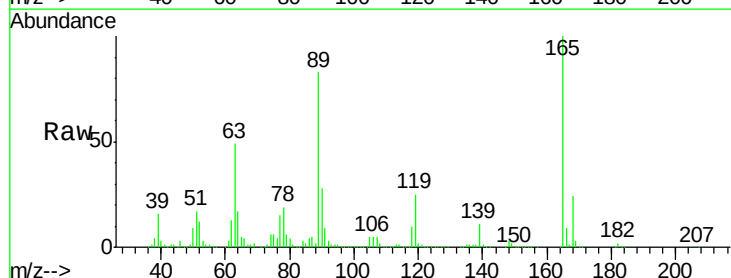
Ion Ratio Lower Upper

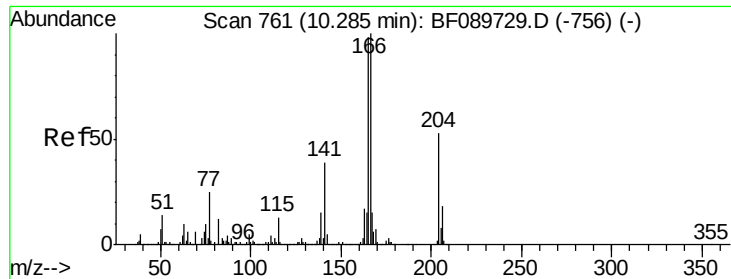
165 100

63 49.2 23.7 35.5#

89 82.6 44.0 66.0#

182 2.0 2.0 3.0#

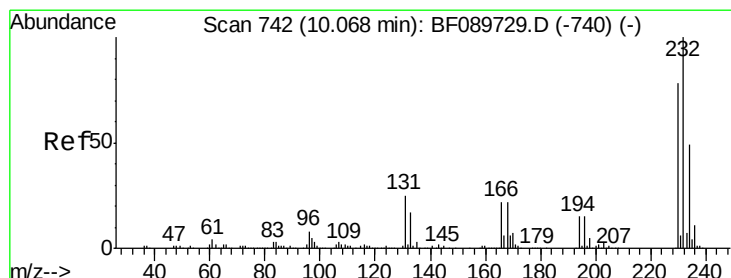
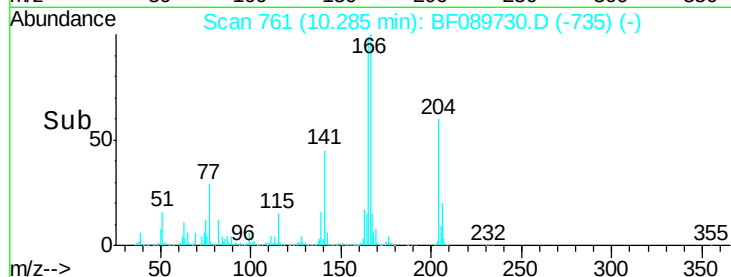
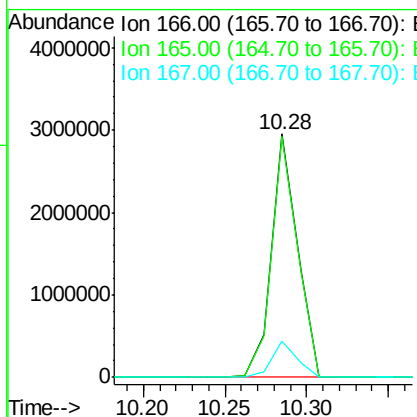
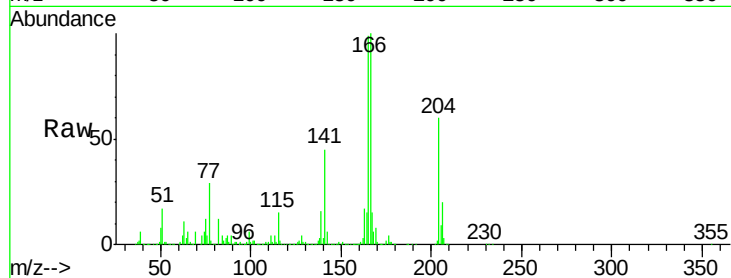




#57
 Fluorene
 Concen: 41.79 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

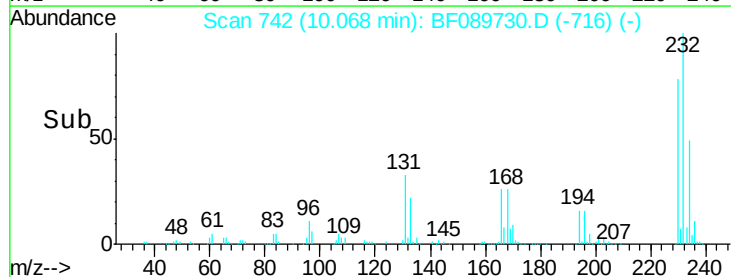
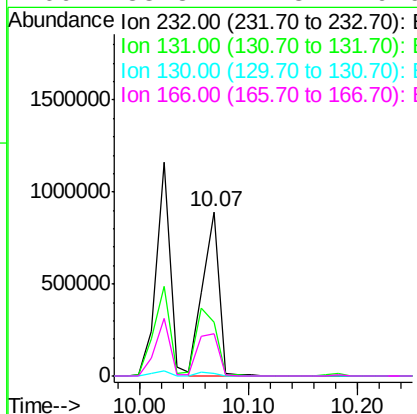
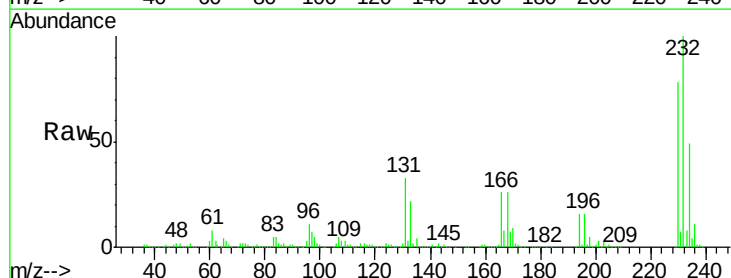
Instrument :
 BNA_F
 ClientSampleId :

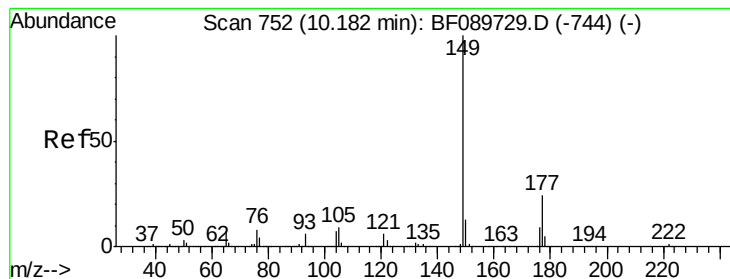
Tot Ion:166 Resp: 3283080
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.2 120.4
 167 15.0 11.3 16.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.82 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:232 Resp: 943729
 Ion Ratio Lower Upper
 232 100
 131 49.4 42.5 63.7
 130 2.4 2.2 3.4
 166 33.8 27.3 40.9





#59

Diethylphthalate

Concen: 50.08 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

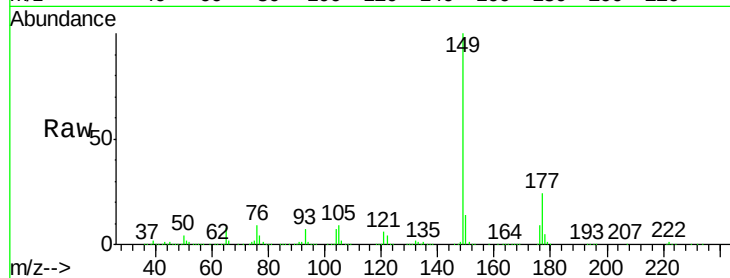
Tot Ion:149 Resp: 4476138

Ion Ratio Lower Upper

149 100

177 23.6 16.6 25.0

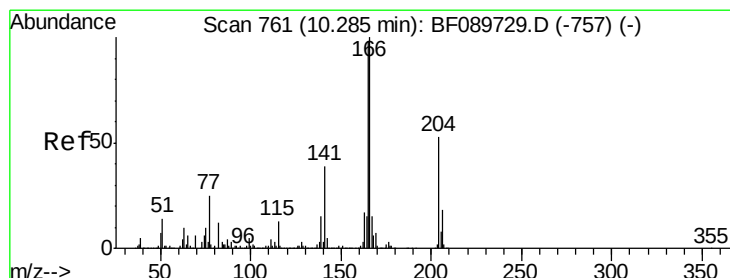
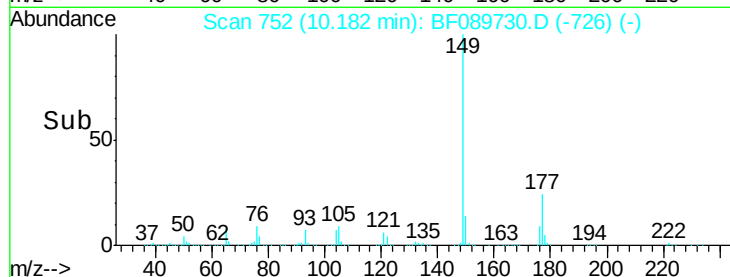
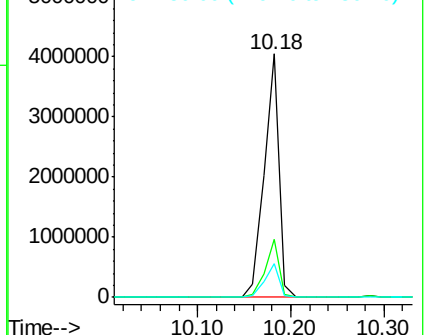
150 13.9 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.94 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

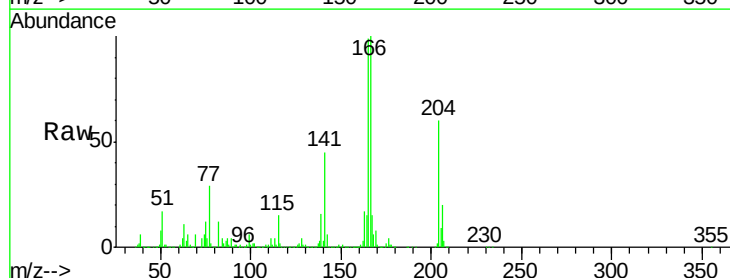
Tgt Ion:204 Resp: 1523315

Ion Ratio Lower Upper

204 100

206 33.4 26.5 39.7

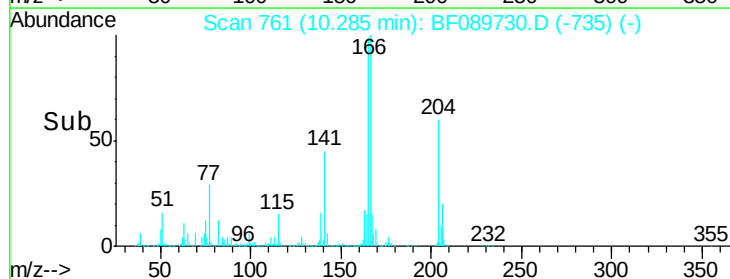
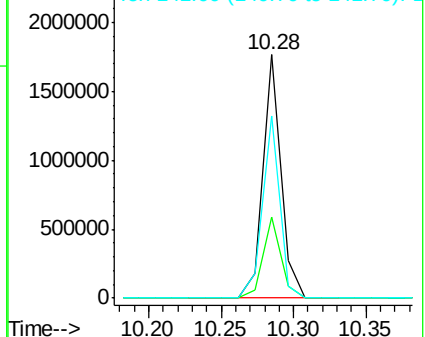
141 75.1 54.1 81.1

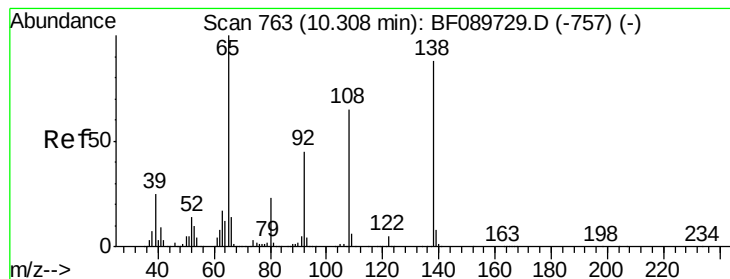


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.40 ng

RT: 10.31 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampled :

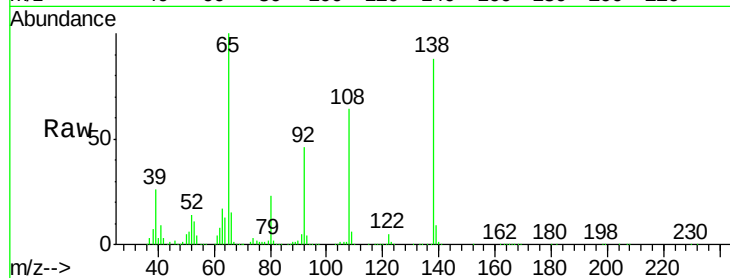
Tot Ion:138 Resp: 1162554

Ion Ratio Lower Upper

138 100

92 51.7 26.4 66.4

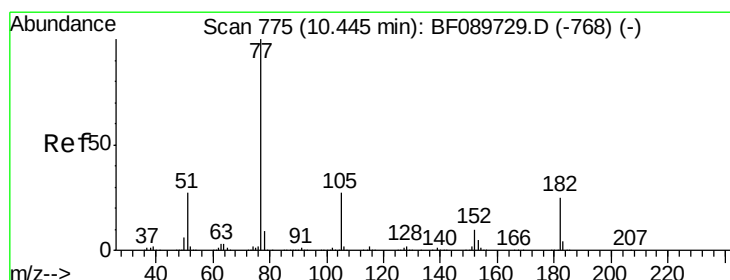
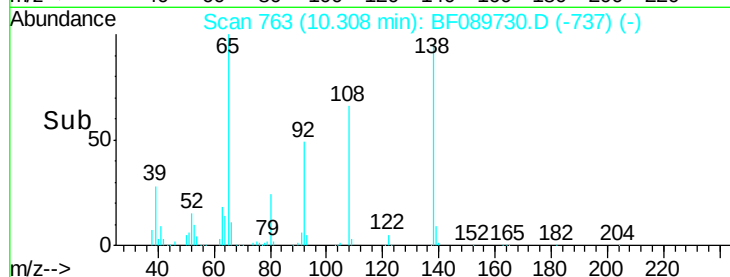
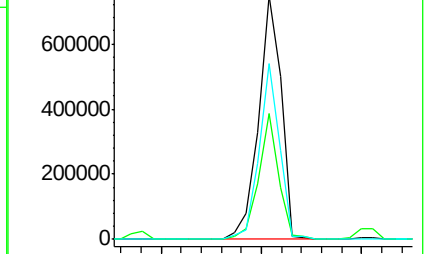
108 72.0 47.0 87.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 43.23 ng

RT: 10.44 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion: 77 Resp: 4187327

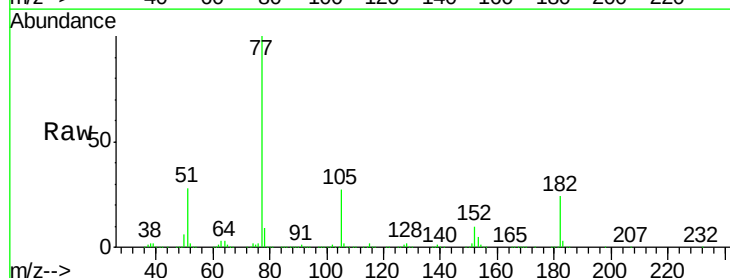
Ion Ratio Lower Upper

77 100

182 24.0 5.6 45.6

105 27.3 4.0 44.0

51 28.1 7.8 47.8

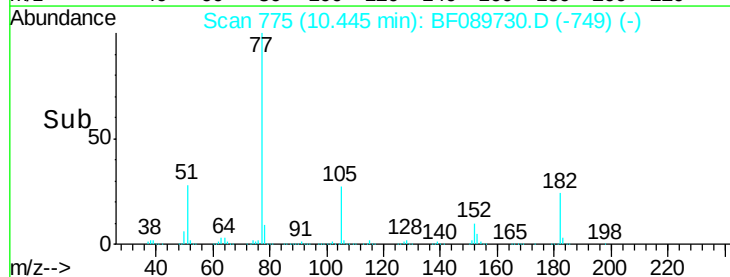
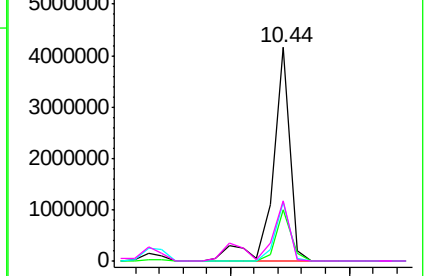


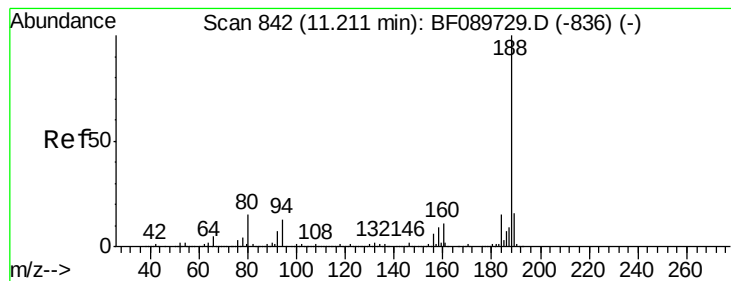
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 842

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

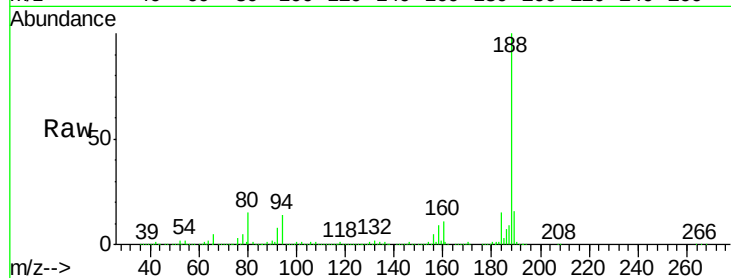
Tot Ion:188 Resp: 2260693

Ion Ratio Lower Upper

188 100

94 13.8 10.2 15.2

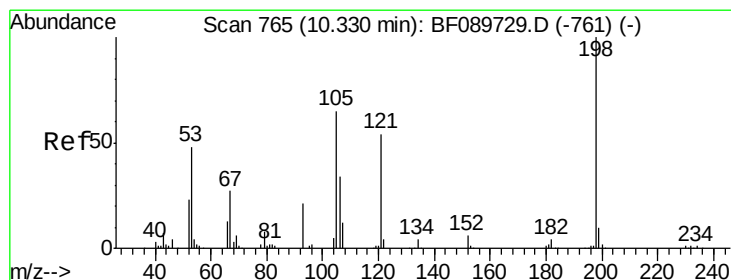
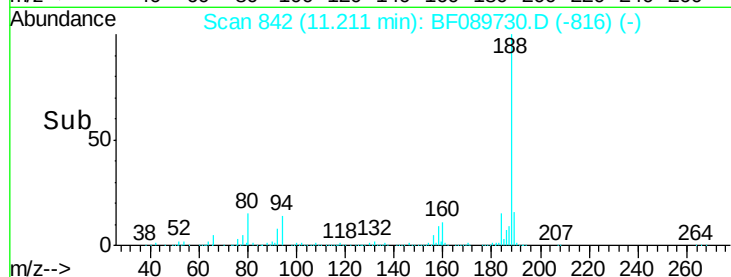
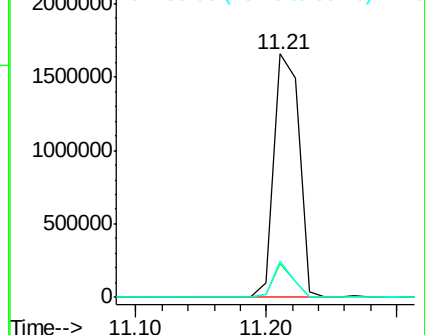
80 14.9 10.9 16.3



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: 62.35 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

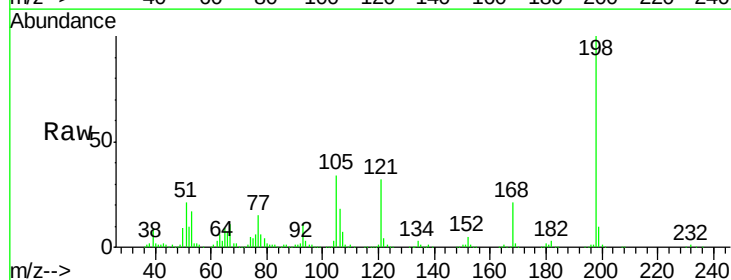
Tgt Ion:198 Resp: 756054

Ion Ratio Lower Upper

198 100

51 21.5 32.3 72.3#

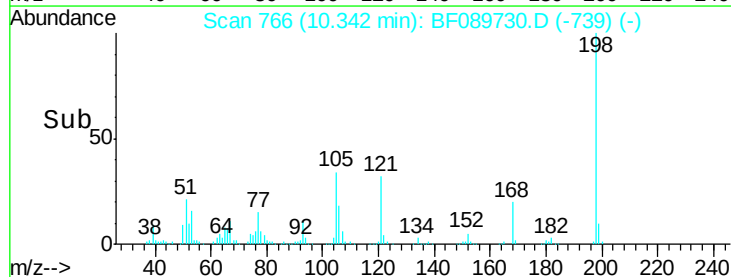
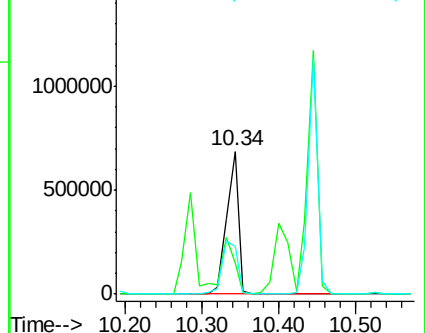
105 33.7 32.9 72.9

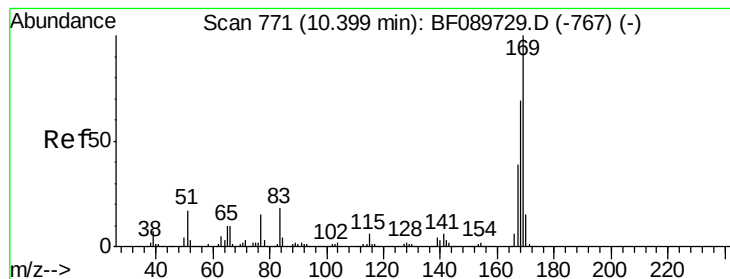


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 50.65 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

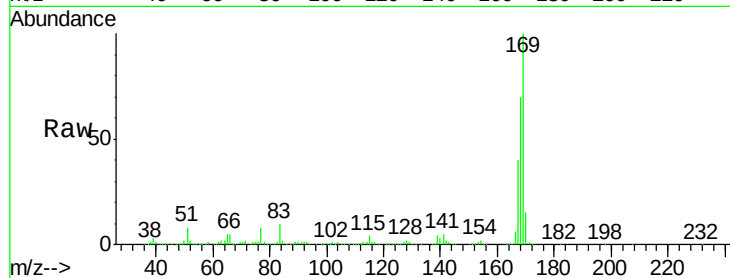
Tot Ion:169 Resp: 3697858

Ion Ratio Lower Upper

169 100

168 70.0 54.6 82.0

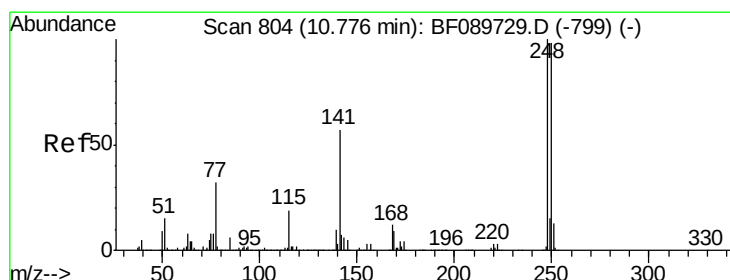
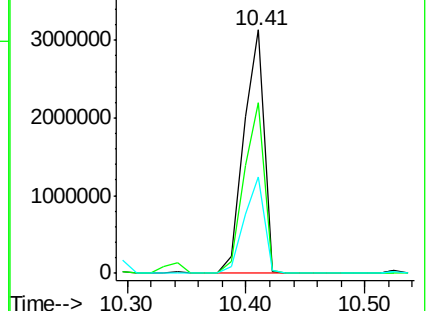
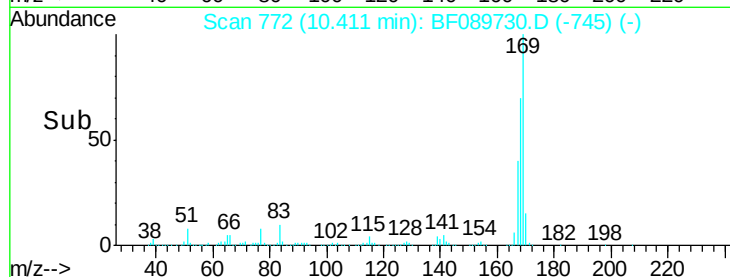
167 39.7 30.6 45.8



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: 52.35 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

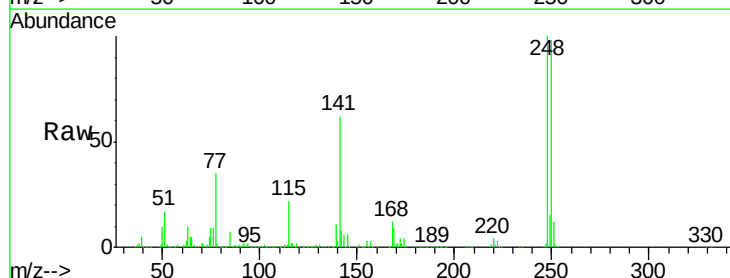
Tgt Ion:248 Resp: 1211660

Ion Ratio Lower Upper

248 100

250 97.9 78.6 117.8

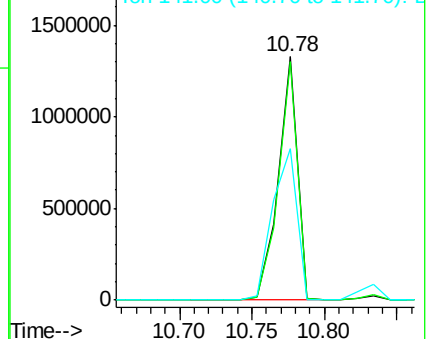
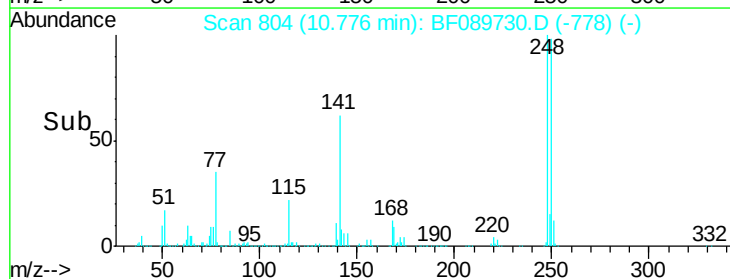
141 62.1 31.4 47.2#

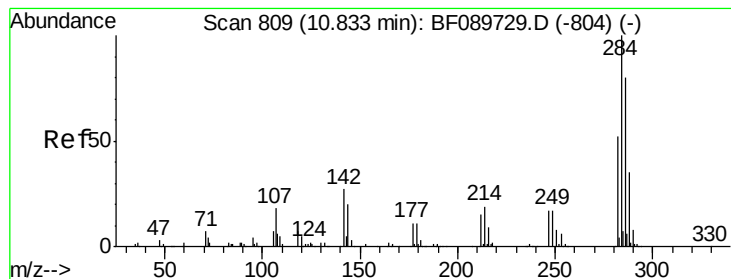


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.72 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

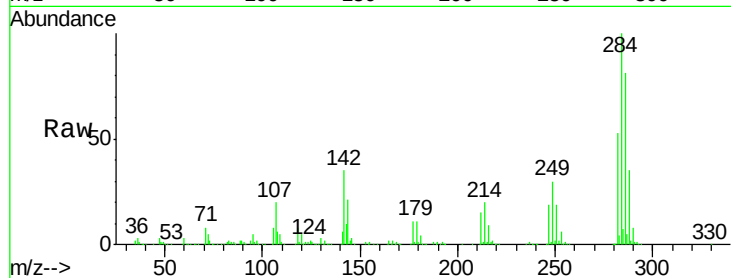
Tot Ion:284 Resp: 1265894

Ion Ratio Lower Upper

284 100

142 35.3 17.4 26.2#

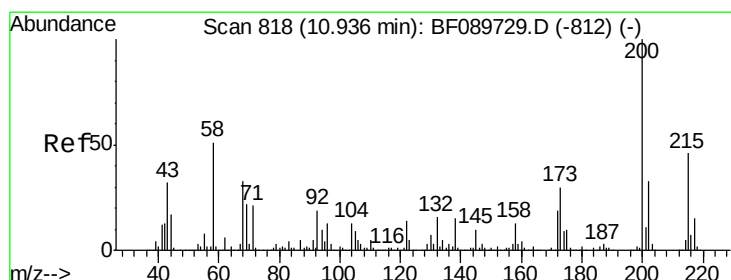
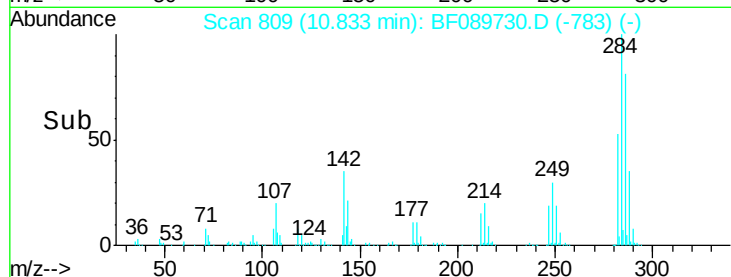
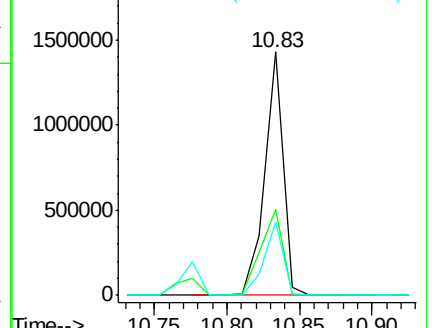
249 30.0 22.8 34.2



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: 43.01 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

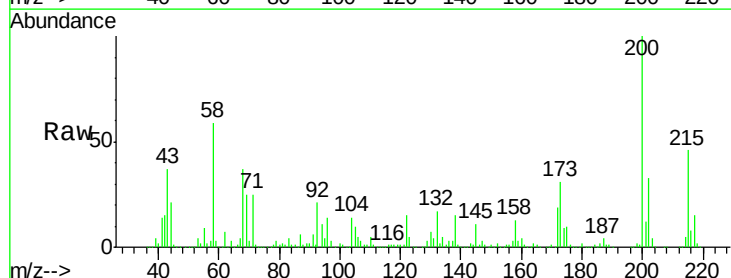
Tgt Ion:200 Resp: 923267

Ion Ratio Lower Upper

200 100

173 31.4 6.6 46.6

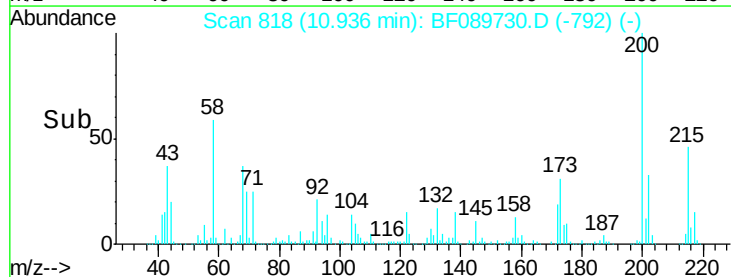
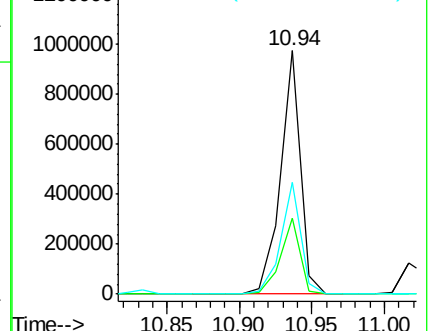
215 46.1 24.7 64.7

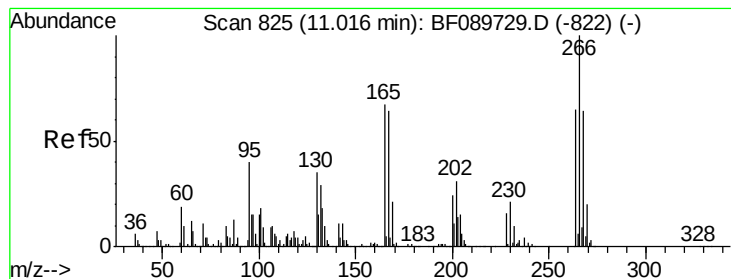


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 53.67 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

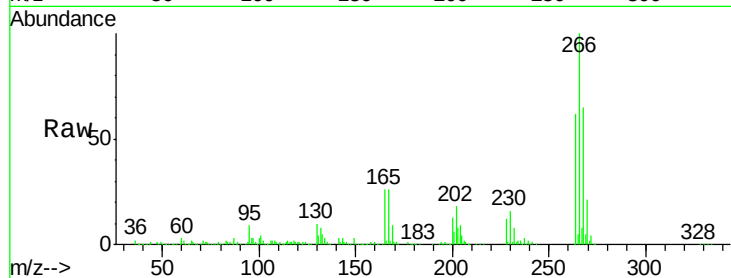
Tot Ion:266 Resp: 840811

Ion Ratio Lower Upper

266 100

268 65.2 53.2 79.8

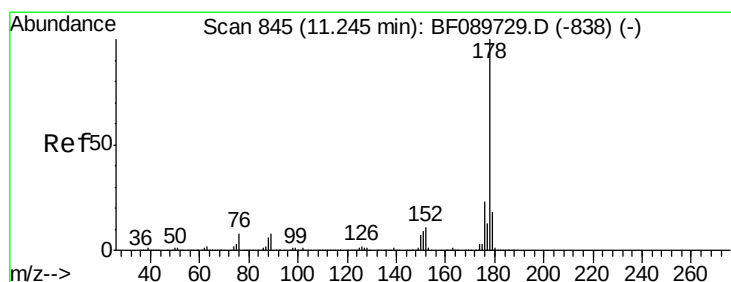
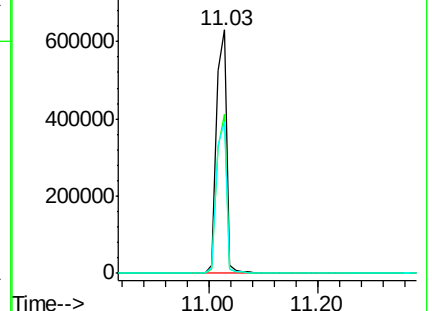
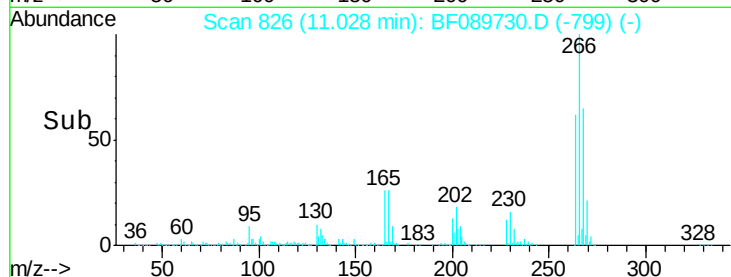
264 62.4 51.1 76.7



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: 44.29 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.05 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

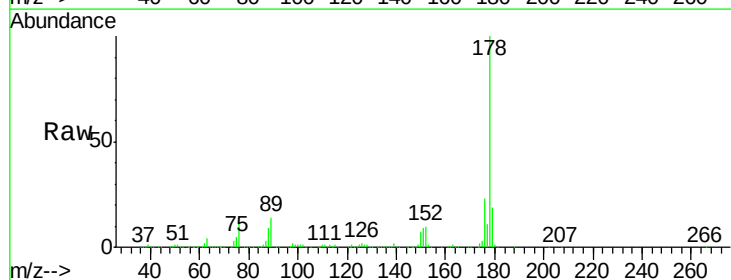
Tgt Ion:178 Resp: 4967352

Ion Ratio Lower Upper

178 100

176 23.0 16.4 24.6

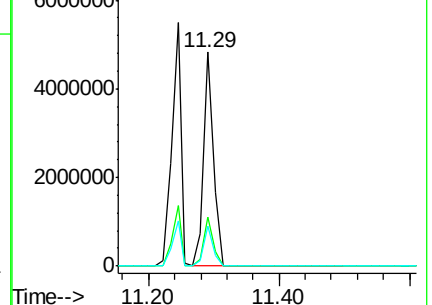
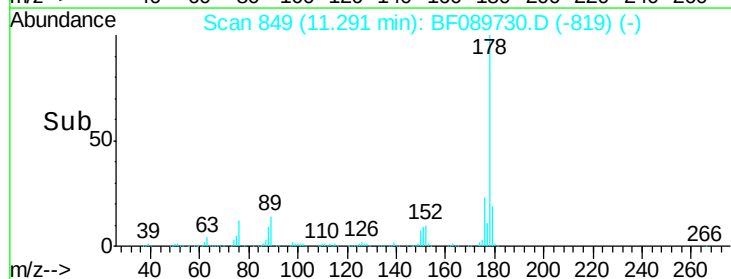
179 18.5 12.5 18.7

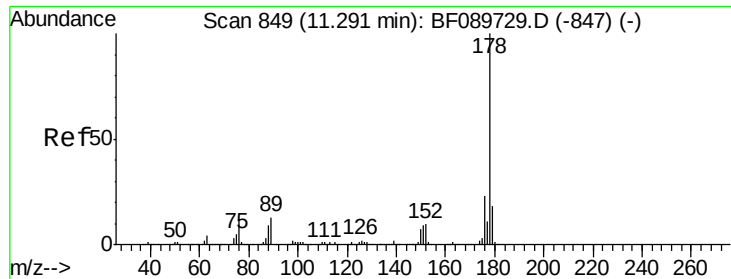


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

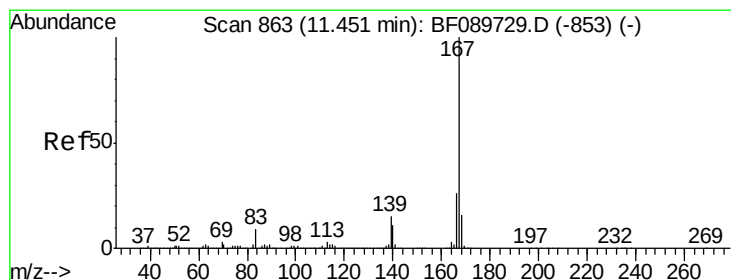
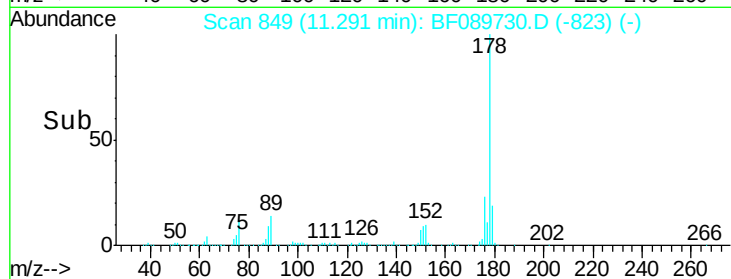
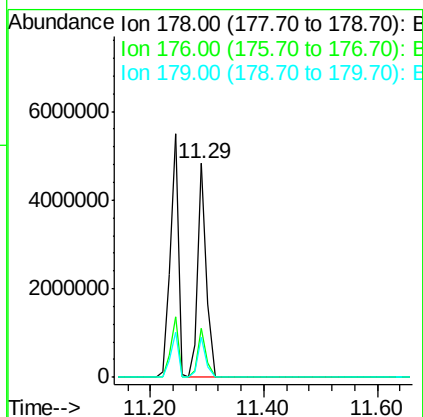
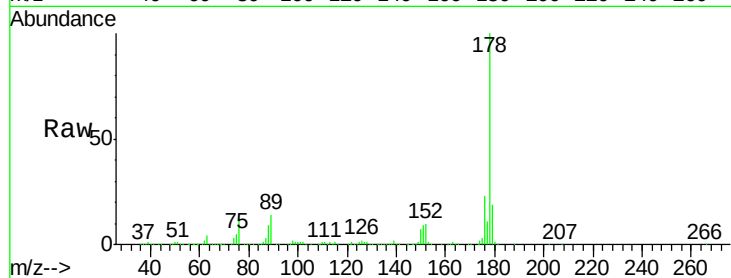




#71
 Anthracene
 Concen: 42.37 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

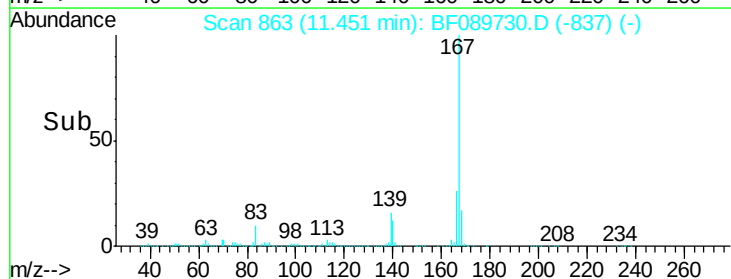
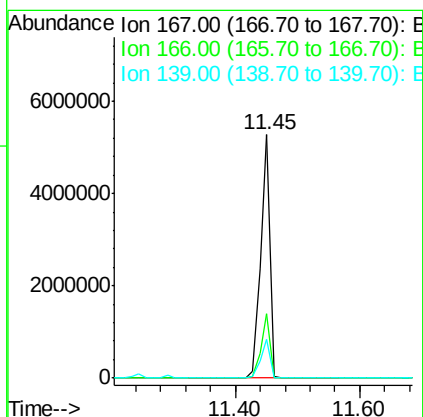
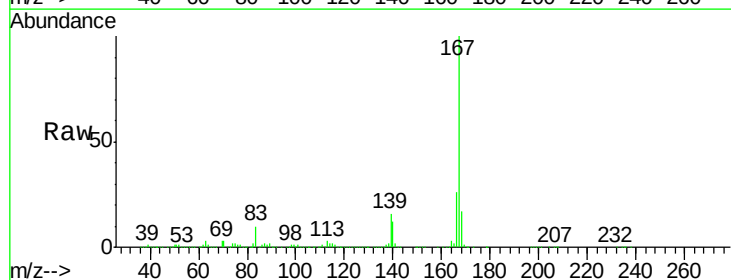
Instrument :
 BNA_F
 ClientSampleId :

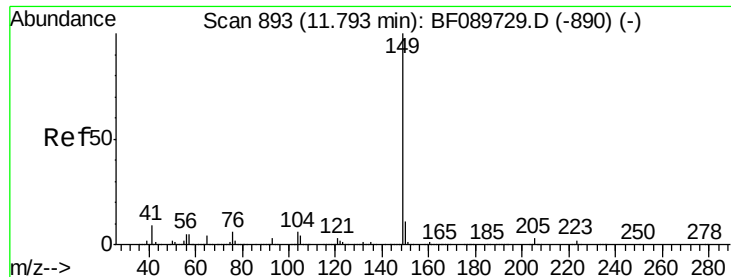
Tot Ion:178 Resp: 4971869
 Ion Ratio Lower Upper
 178 100
 176 23.0 16.4 24.6
 179 18.5 13.1 19.7



#72
 Carbazole
 Concen: 48.33 ng
 RT: 11.45 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:167 Resp: 5404499
 Ion Ratio Lower Upper
 167 100
 166 26.4 17.9 26.9
 139 15.8 12.4 18.6





#73

Di-n-butylphthalate

Concen: 46.14 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

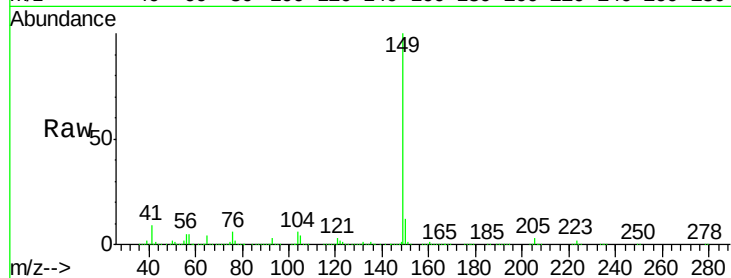
Tot Ion:149 Resp: 5950061

Ion Ratio Lower Upper

149 100

150 11.9 7.9 11.9

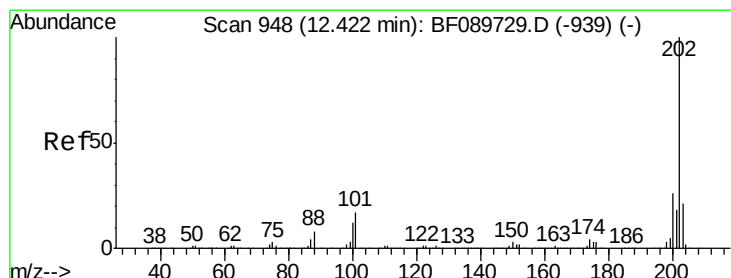
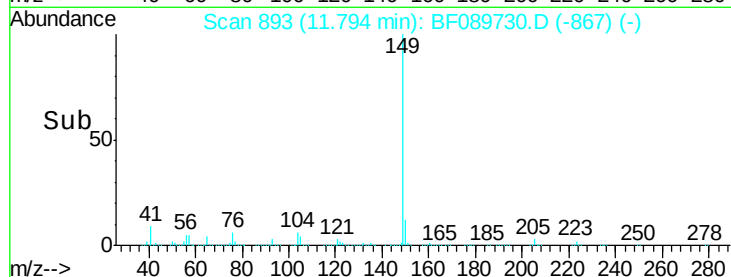
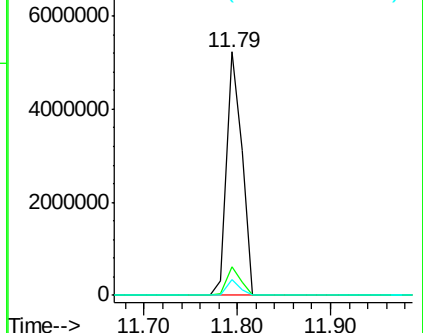
104 6.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.73 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

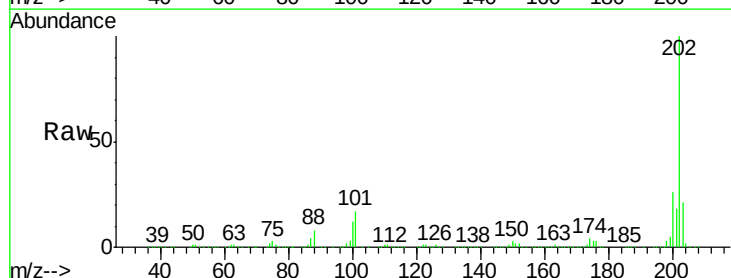
Tgt Ion:202 Resp: 4944248

Ion Ratio Lower Upper

202 100

101 16.9 0.0 31.2

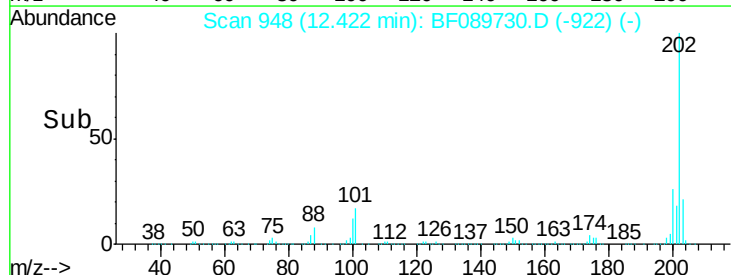
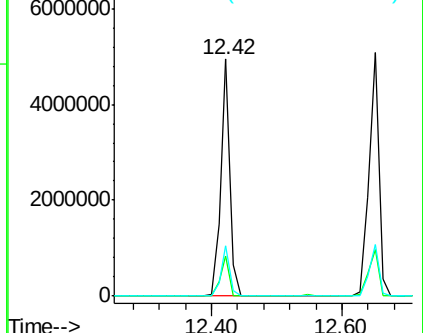
203 21.0 0.0 38.1

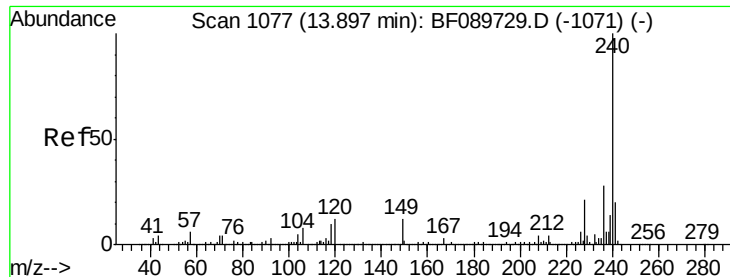


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

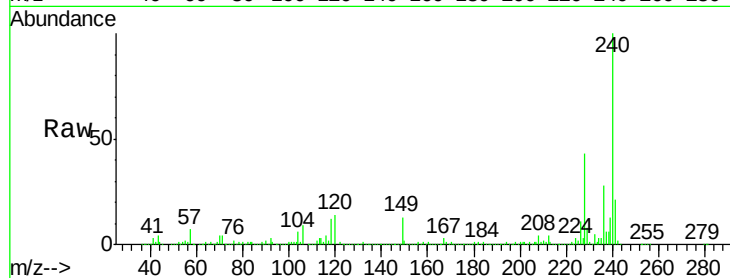
Instrument :

BNA_F

ClientSampleId :

Tot Ion:240 Resp: 1869835

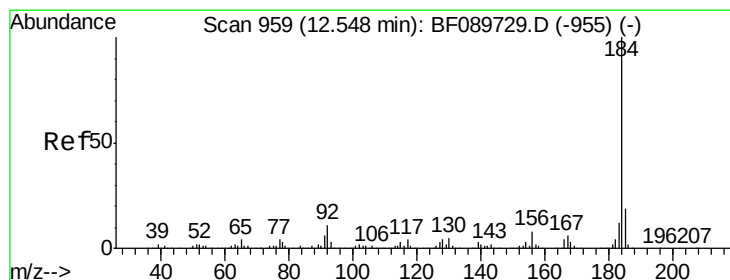
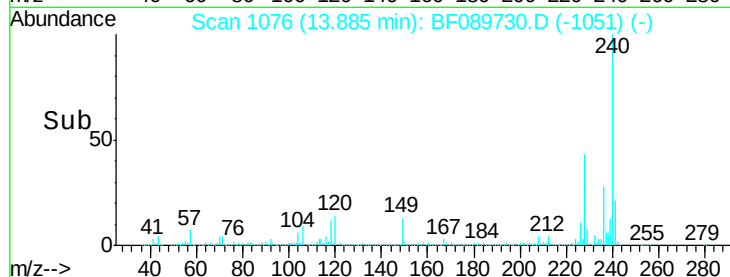
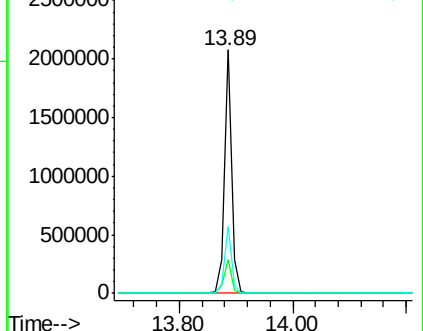
Ion	Ratio	Lower	Upper
240	100		
120	13.8	8.3	12.5#
236	27.7	21.3	31.9



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: 47.72 ng

RT: 12.55 min Scan# 959

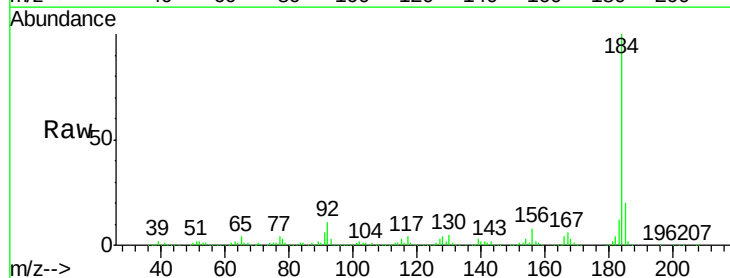
Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:184 Resp: 3055946

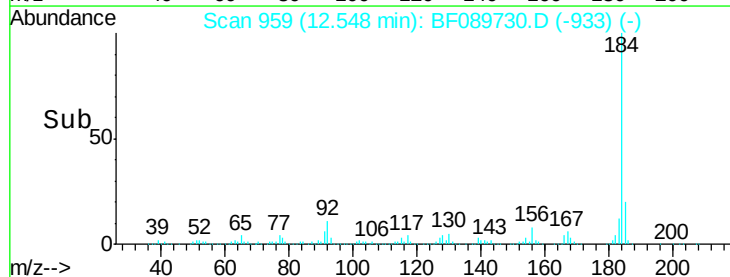
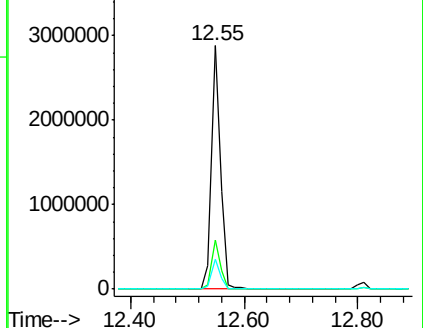
Ion	Ratio	Lower	Upper
184	100		
185	20.2	13.8	20.8
183	12.1	9.7	14.5

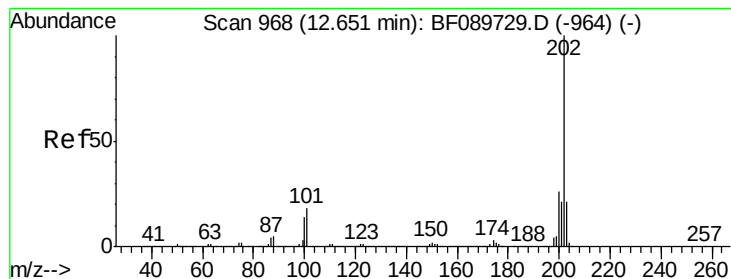


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.25 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.23 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

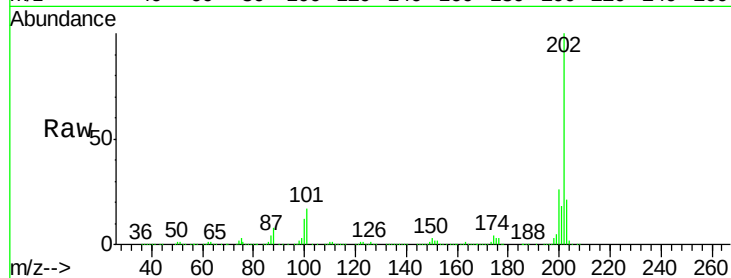
Tot Ion:202 Resp: 4944248

Ion Ratio Lower Upper

202 100

200 26.1 17.8 26.6

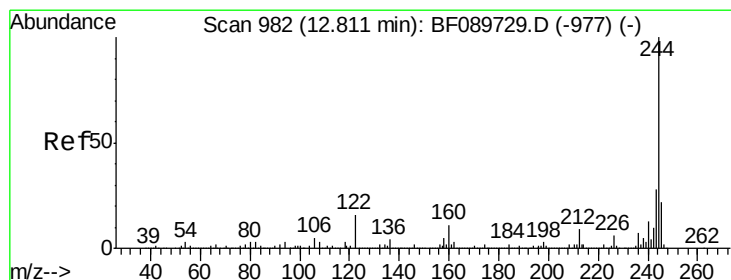
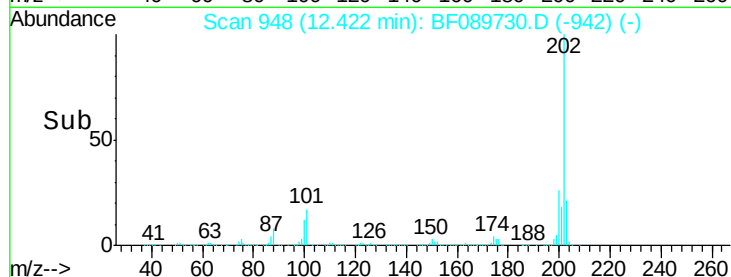
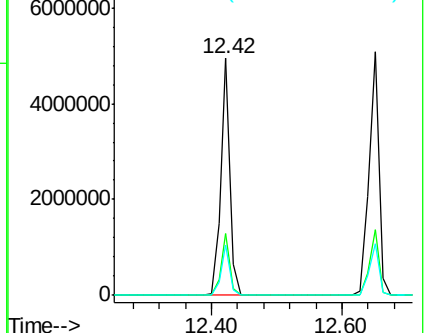
203 21.0 14.2 21.4



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: 40.98 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

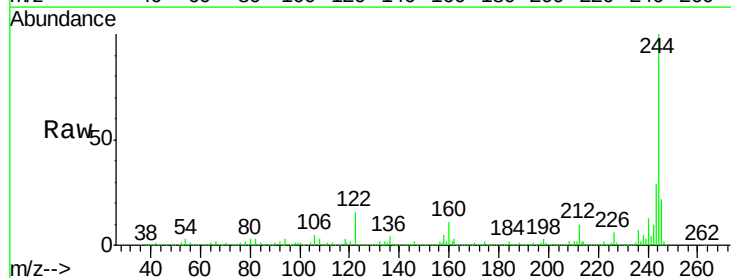
Tgt Ion:244 Resp: 5378232

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5#

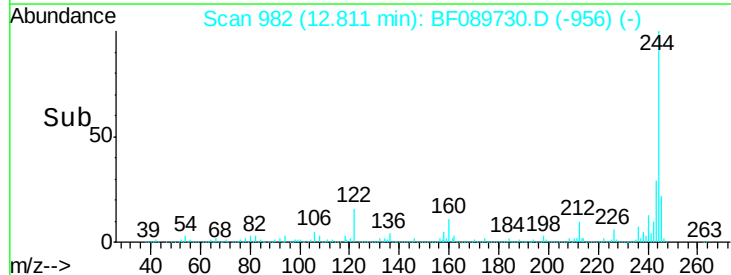
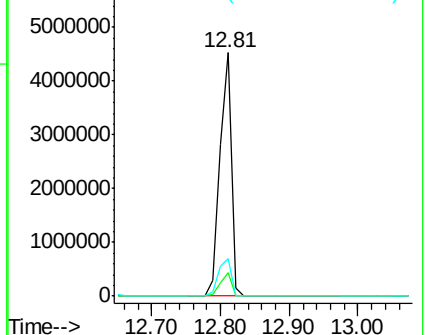
122 15.6 12.0 18.0

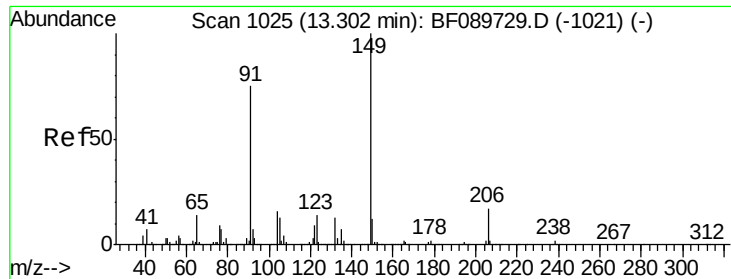


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

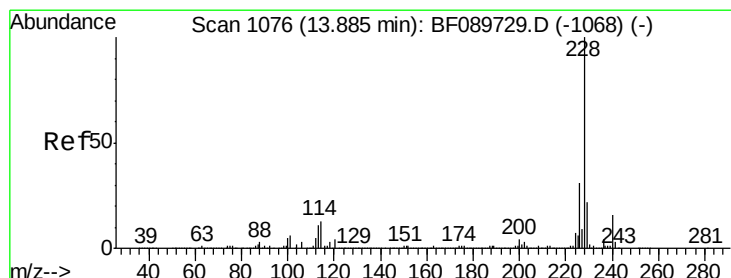
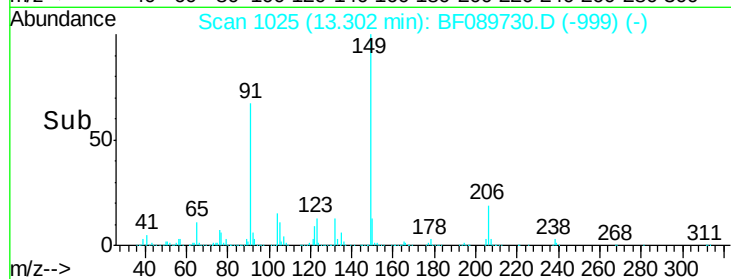
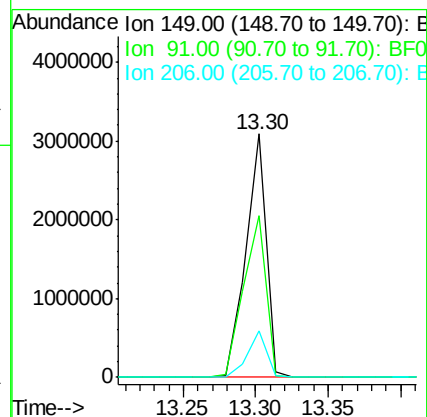
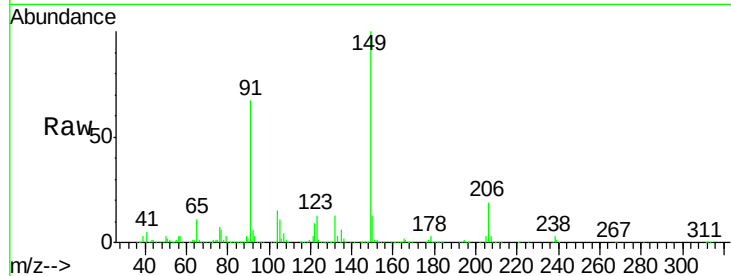




#79
Butylbenzylphthalate
Concen: 55.18 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

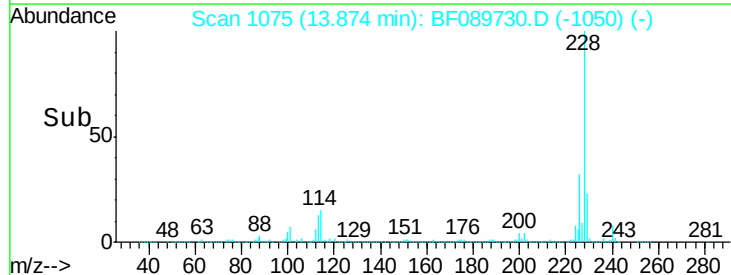
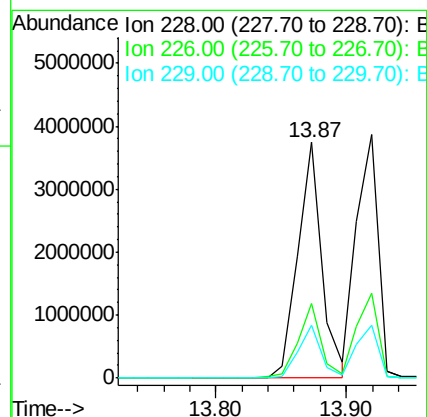
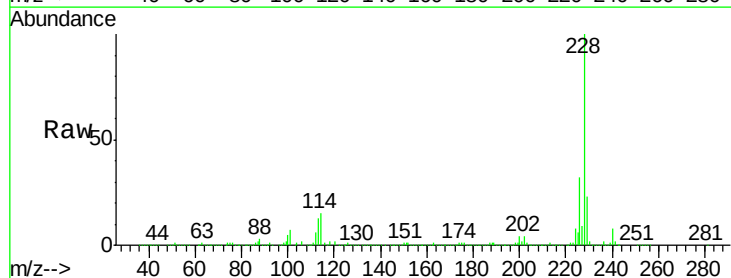
Instrument :
BNA_F
ClientSampleId :

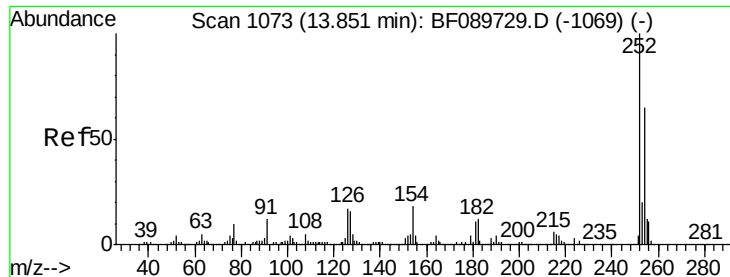
Tot Ion:149 Resp: 3022453
Ion Ratio Lower Upper
149 100
91 66.5 50.7 76.1
206 19.0 15.5 23.3



#80
Benzo(a)anthracene
Concen: 44.86 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:228 Resp: 4814347
Ion Ratio Lower Upper
228 100
226 31.5 23.2 34.8
229 22.5 16.2 24.4

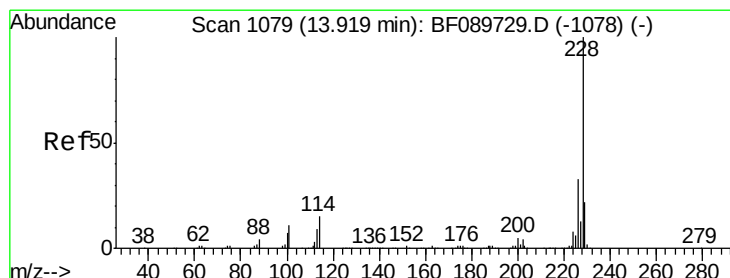
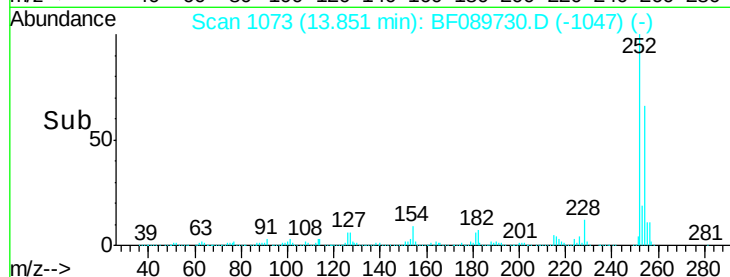
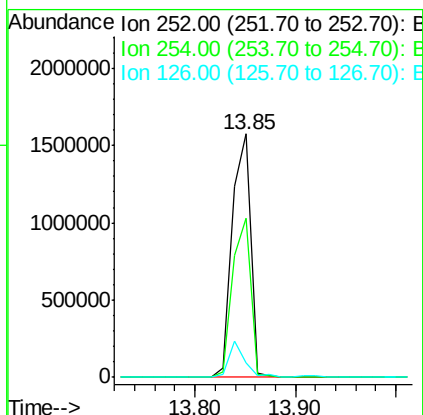
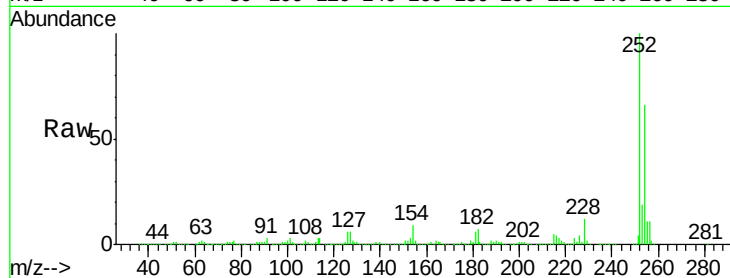




#81
 3,3'-Dichlorobenzidine
 Concen: 51.10 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

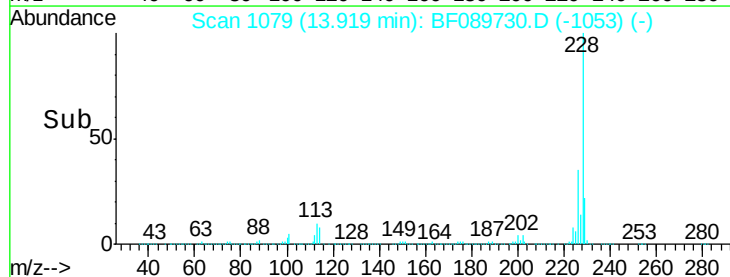
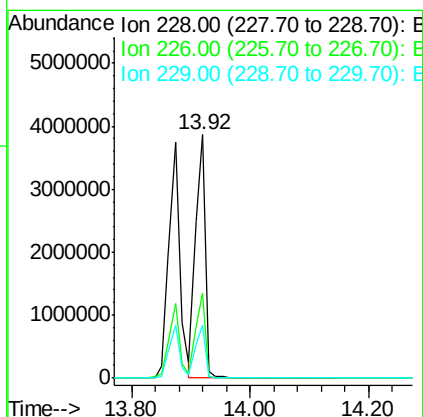
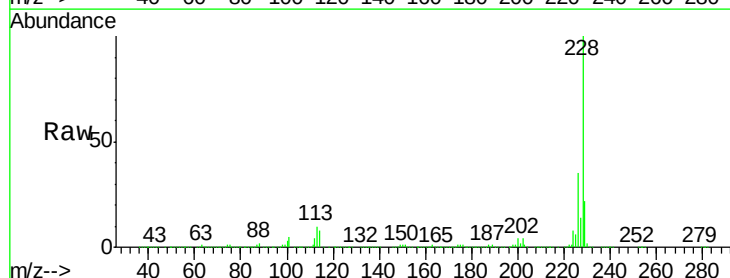
Instrument :
 BNA_F
 ClientSampleId :

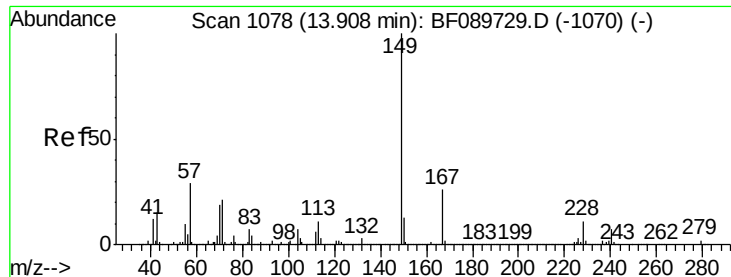
Tot Ion:252 Resp: 2013436
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.6 75.8
 126 6.1 12.6 18.8#



#82
 Chrysene
 Concen: 46.85 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:228 Resp: 4516608
 Ion Ratio Lower Upper
 228 100
 226 34.6 25.4 38.0
 229 21.5 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.80 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

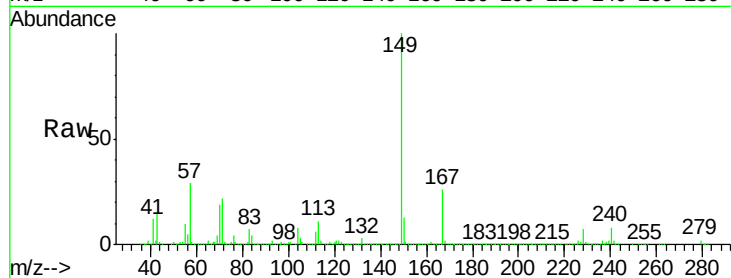
Tot Ion:149 Resp: 3756878

Ion Ratio Lower Upper

149 100

167 26.4 21.2 31.8

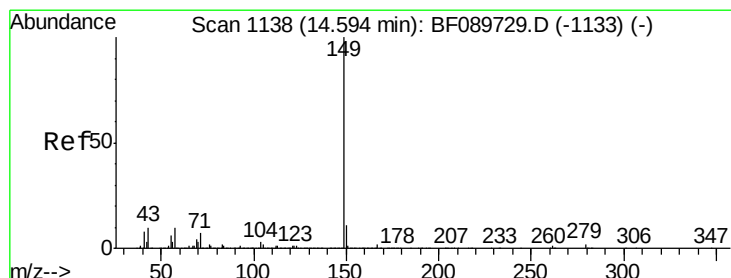
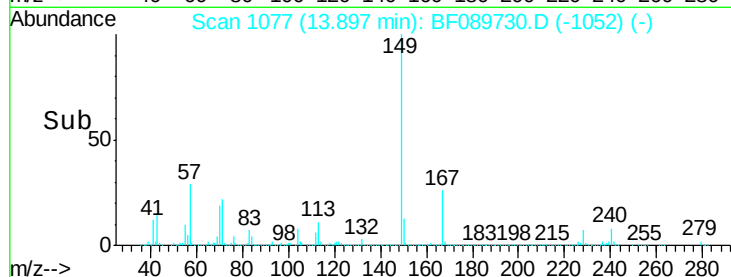
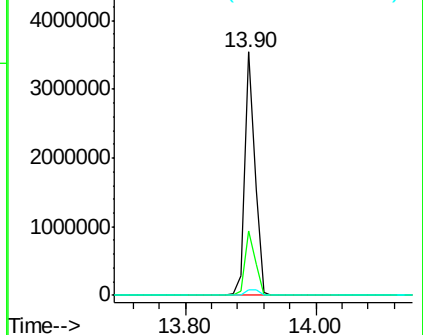
279 2.2 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 49.39 ng

RT: 14.57 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

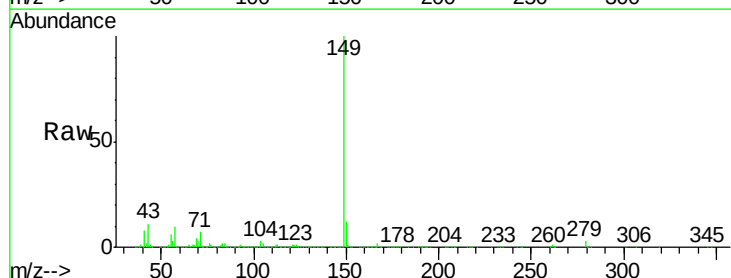
Tgt Ion:149 Resp: 5723786

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

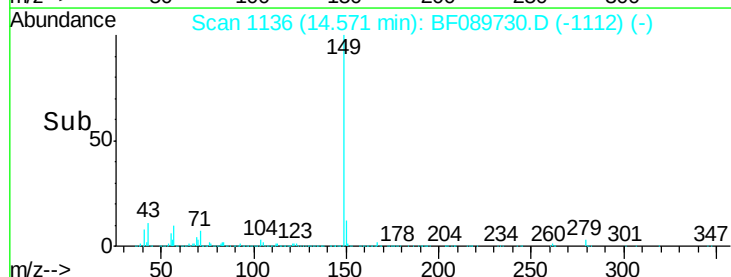
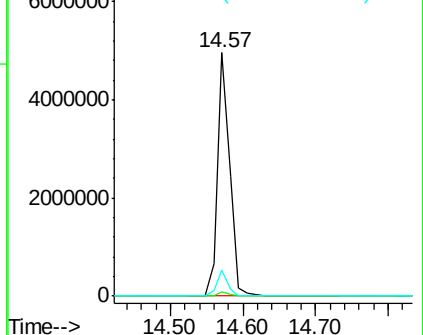
43 9.7 8.4 12.6

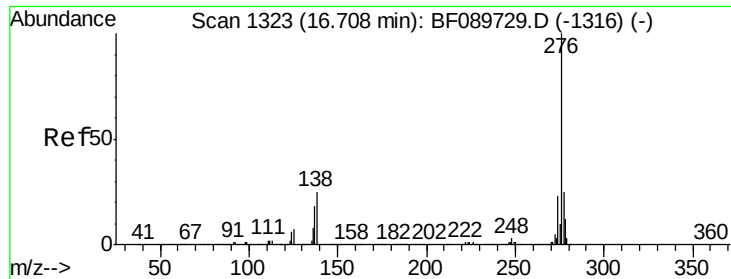


Abundance Ion 149.00 (148.70 to 149.70): E

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: 47.46 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.03 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

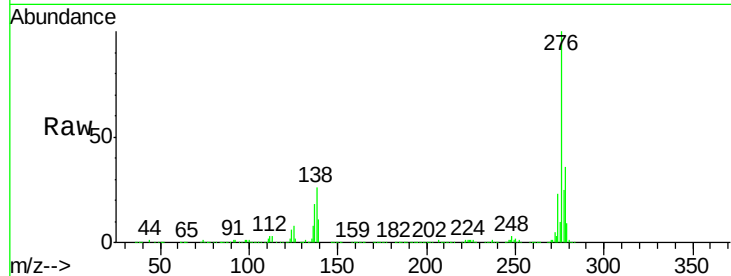
Tot Ion:276 Resp: 3917974

Ion Ratio Lower Upper

276 100

138 29.9 24.6 36.8

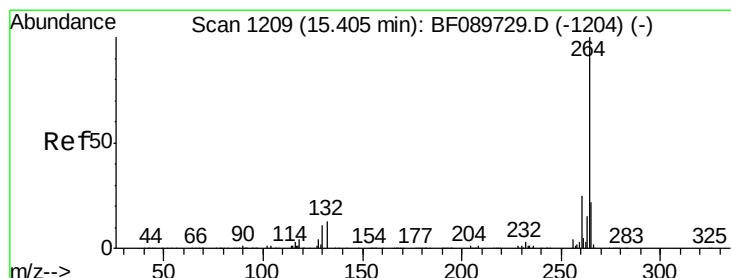
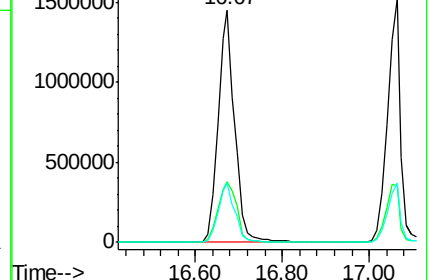
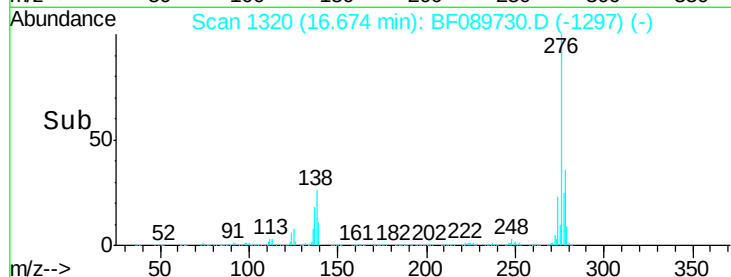
277 25.6 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.36 min Scan# 1205

Delta R.T. -0.05 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

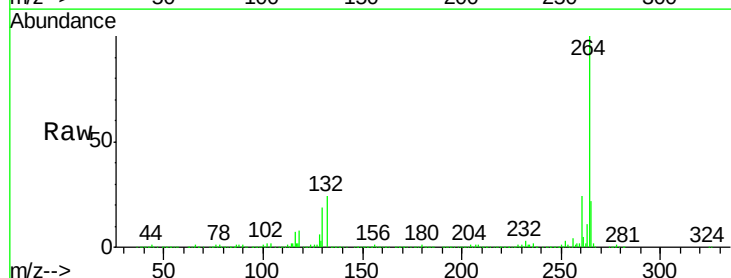
Tgt Ion:264 Resp: 1548721

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

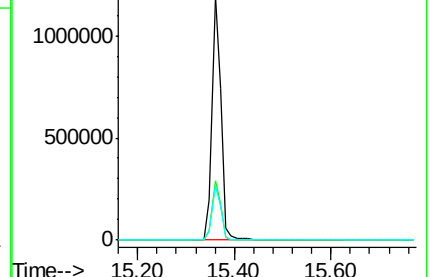
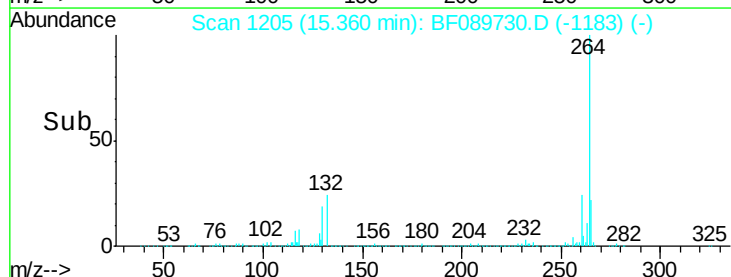
265 22.4 17.4 26.2

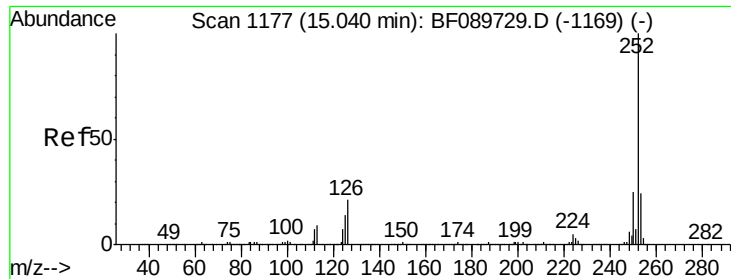


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

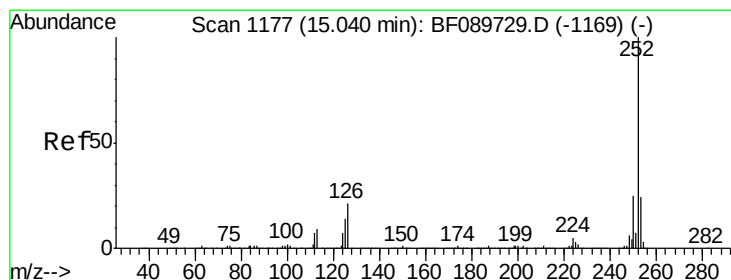
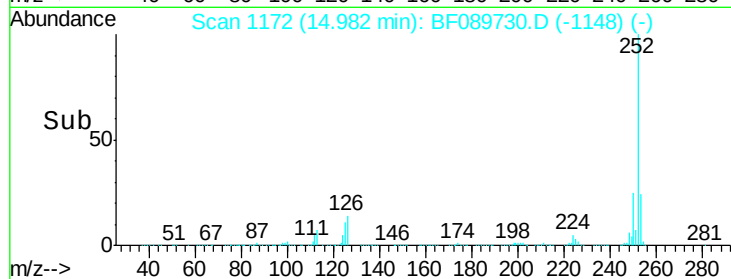
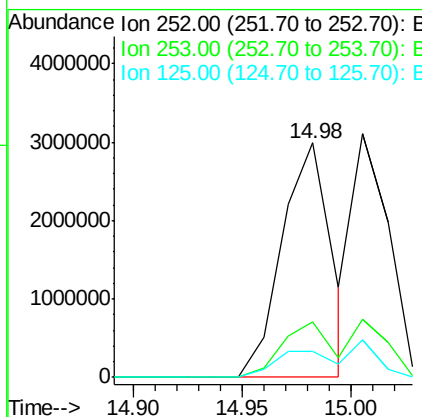
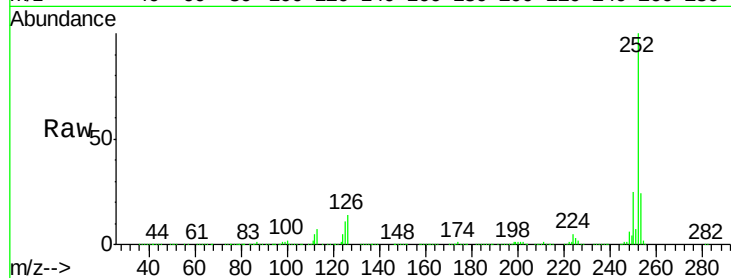




#87
Benzo(b)fluoranthene
Concen: 49.13 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

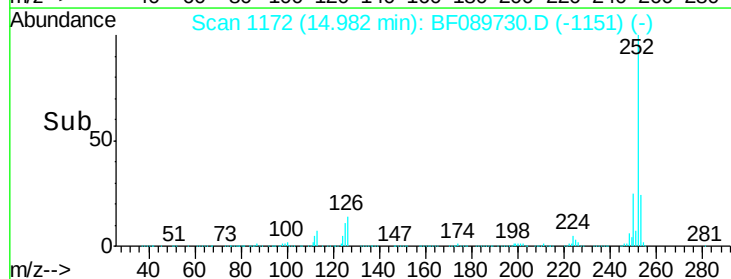
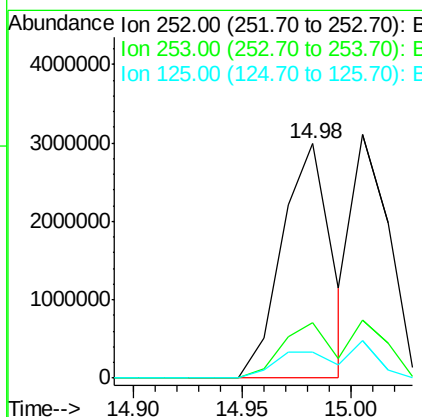
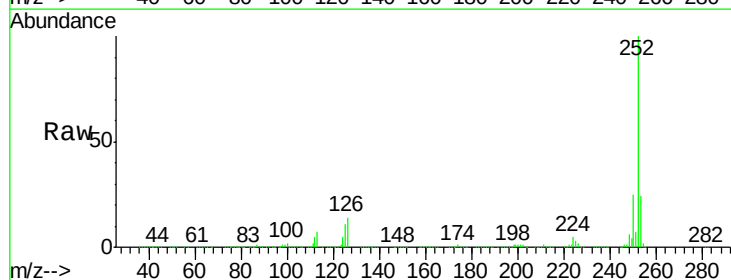
Instrument :
BNA_F
ClientSampleId :

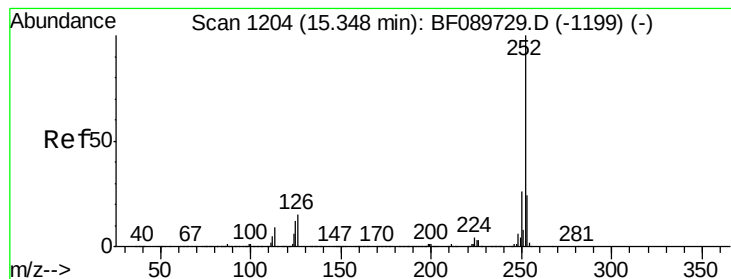
Tot Ion:252 Resp: 4708839
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 10.9 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 61.43 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.06 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:252 Resp: 4708839
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 10.9 9.8 14.6





#89

Benzo(a)pyrene

Concen: 50.72 ng

RT: 15.31 min Scan# 1201

Delta R.T. -0.03 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

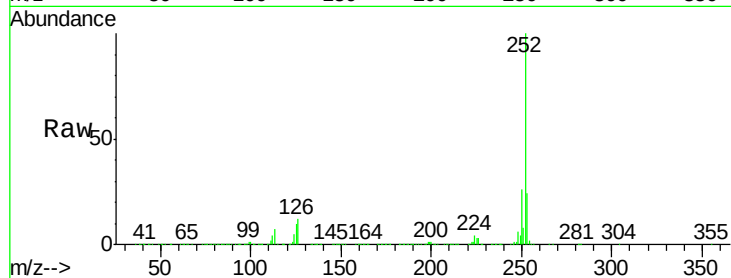
Tot Ion:252 Resp: 4077823

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.8

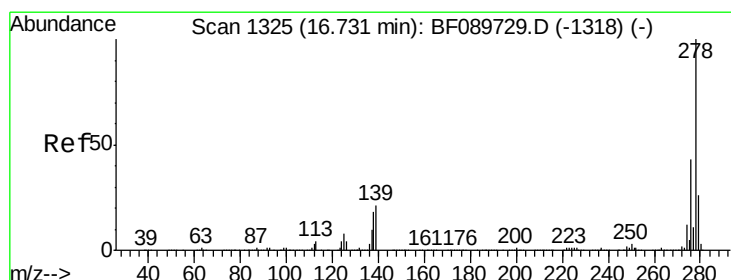
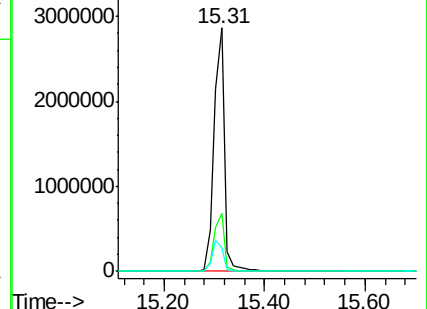
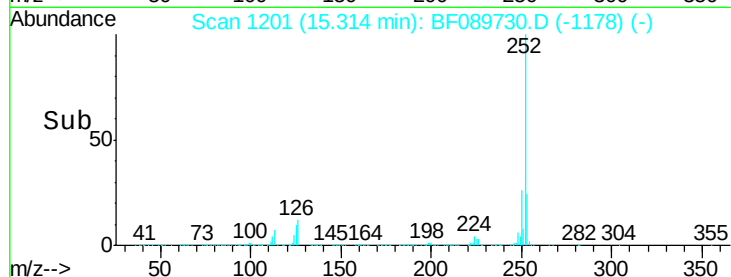
125 9.8 11.7 17.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.76 ng

RT: 16.70 min Scan# 1322

Delta R.T. -0.03 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

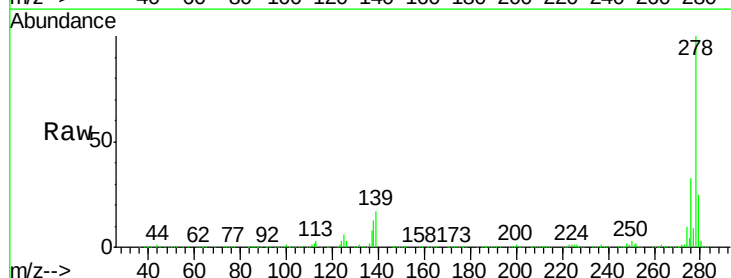
Tgt Ion:278 Resp: 3204678

Ion Ratio Lower Upper

278 100

139 16.9 14.9 22.3

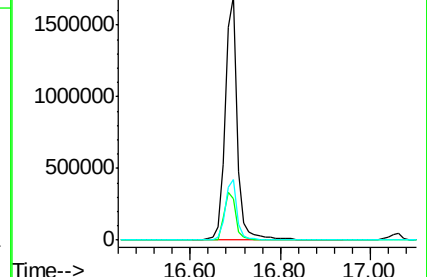
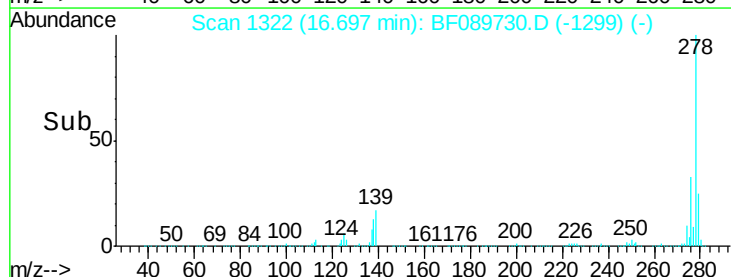
279 25.1 19.2 28.8

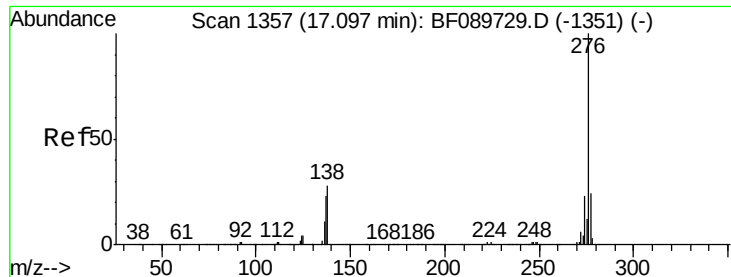


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 50.55 ng
 RT: 17.06 min Scan# 1354
 Delta R.T. -0.03 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 276 Resp: 3234853

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.2	28.8
138	23.4	22.1	33.1

