

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
 Data File : BF089869.D
 Acq On : 24 Aug 2016 12:56
 Operator : UM/SJ
 Sample : H4551-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 24 18:40:31 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 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	412304	20.00	ng	-0.02
21) Naphthalene-d8	7.95	136	1665966	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	749050	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	1470430	20.00	ng	-0.02
75) Chrysene-d12	13.87	240	1167438	20.00	ng	-0.02
86) Perylene-d12	15.39	264	1023726	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	3138816	127.02	ng	-0.02
7) Phenol-d6	6.31	99	4420234	140.63	ng	-0.02
23) Nitrobenzene-d5	7.23	82	2616936	95.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	821803	113.41	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	3761183	80.57	ng	-0.03
78) Terphenyl-d14	12.78	244	3566204	91.26	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.19	88	446384	34.99	ng	97
3) Pyridine	2.82	79	1326201	40.34	ng	92
4) n-Nitrosodimethylamine	2.79	42	509052	38.58	ng	# 77
6) Aniline	6.33	93	1051589	24.89	ng	# 43
8) 2-Chlorophenol	6.46	128	1189294	40.46	ng	# 77
9) Benzaldehyde	6.20	77	286030	13.73	ng	89
10) Phenol	6.33	94	1446562	36.98	ng	93
11) bis(2-Chloroethyl)ether	6.41	93	1136010	39.19	ng	99
12) 1,3-Dichlorobenzene	6.60	146	1238883	39.43	ng	99
13) 1,4-Dichlorobenzene	6.68	146	1260429	39.60	ng	98
14) 1,2-Dichlorobenzene	6.84	146	1221778	40.26	ng	99
15) Benzyl Alcohol	6.82	79	953884	45.41	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1301285	34.22	ng	94
17) 2-Methylphenol	6.94	107	1022030	43.77	ng	96
18) Hexachloroethane	7.19	117	472705	40.52	ng	92
19) n-Nitroso-di-n-propylamine	7.10	70	764577	37.14	ng	89
20) 3+4-Methylphenols	7.10	107	1296560	43.35	ng	# 48
22) Acetophenone	7.08	105	1439466	37.17	ng	# 88
24) Nitrobenzene	7.26	77	1272943	41.48	ng	95
25) Isophorone	7.50	82	2154654	39.47	ng	97
26) 2-Nitrophenol	7.58	139	615329	42.61	ng	98
27) 2,4-Dimethylphenol	7.62	122	1185519	43.31	ng	98
28) bis(2-Chloroethoxy)methane	7.71	93	1406775	42.41	ng	98
29) 2,4-Dichlorophenol	7.82	162	1022520	44.87	ng	97
30) 1,2,4-Trichlorobenzene	7.90	180	1007899	41.20	ng	98
31) Naphthalene	7.98	128	3196982	42.75	ng	98
32) Benzoic acid	7.62	122	1185519	55.71	ng	# 13
33) 4-Chloroaniline	8.03	127	694639	20.07	ng	98
34) Hexachlorobutadiene	8.10	225	511050	39.77	ng	99
35) Caprolactam	8.39	113	281659	40.10	ng	91
36) 4-Chloro-3-methylphenol	8.52	107	1071685	43.20	ng	94
37) 2-Methylnaphthalene	8.67	142	2195651	43.14	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	689479	28.63	ng	98
40) Hexachlorocyclopentadiene	8.83	237	836622	77.96	ng	98

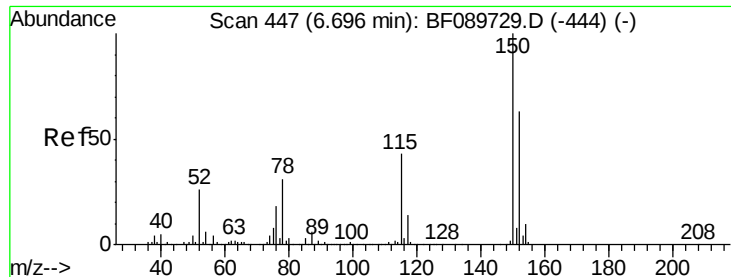
Data Path : Z:\HPCHEM1\BNA F\DATA\BF082416\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	405849	26.09	nq	99
43) 2,4,5-Trichlorophenol	8.99	196	569762	38.41	nq	# 93
45) 1,1'-Biphenyl	9.14	154	2245095	36.19	nq	92
46) 2-Chloronaphthalene	9.15	162	1867606	40.18	nq	98
47) 2-Nitroaniline	9.26	65	652551	46.07	nq	# 75
48) Acenaphthylene	9.56	152	2983242	41.69	nq	100
49) Dimethylphthalate	9.45	163	3552208	65.54	nq	# 99
50) 2,6-Dinitrotoluene	9.51	165	530187	43.22	nq	# 58
51) Acenaphthene	9.74	154	1856260	38.44	nq	99
52) 3-Nitroaniline	9.67	138	570230	39.98	nq	# 77
53) 2,4-Dinitrophenol	9.76	184	5207	2.72	nq	# 62
54) Dibenzofuran	9.91	168	2759438	46.43	nq	97
55) 4-Nitrophenol	9.82	139	247384	22.55	nq	# 87
56) 2,4-Dinitrotoluene	9.90	165	674582	42.78	nq	# 76
57) Fluorene	10.25	166	1904604	39.67	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	235543	20.33	nq	# 95
59) Diethylphthalate	10.15	149	2422834	44.09	nq	97
60) 4-Chlorophenyl-phenylether	10.25	204	858746	36.43	nq	97
61) 4-Nitroaniline	10.27	138	558067	40.30	nq	95
62) Azobenzene	10.41	77	2314876	44.58	nq	95
64) 4,6-Dinitro-2-methylphenol	10.30	198	34198	4.01	nq	# 70
65) n-Nitrosodiphenylamine	10.38	169	2070936	44.88	nq	100
66) 4-Bromophenyl-phenylether	10.74	248	643129	42.23	nq	# 86
67) Hexachlorobenzene	10.80	284	657996	38.87	nq	# 85
68) Atrazine	10.90	200	569199	40.72	nq	97
69) Pentachlorophenol	10.99	266	190156	18.03	nq	97
70) Phenanthrene	11.21	178	3231427	44.71	nq	97
71) Anthracene	11.26	178	2997258	39.69	nq	99
72) Carbazole	11.42	167	2870715	40.12	nq	98
73) Di-n-butylphthalate	11.77	149	3751993	43.12	nq	# 98
74) Fluoranthene	12.39	202	3082103	42.44	nq	93
76) Benzidine	12.53	184	1386296	33.08	nq	97
77) Pyrene	12.62	202	3010795	39.41	nq	97
79) Butylbenzylphthalate	13.28	149	1616521	42.18	nq	94
80) Benzo(a)anthracene	13.86	228	2798506	41.26	nq	99
81) 3,3'-Dichlorobenzidine	13.83	252	808610	32.72	nq	98
82) Chrysene	13.91	228	2449026	40.12	nq	99
83) Bis(2-ethylhexyl)phthalate	13.89	149	2575355	50.77	nq	# 99
84) Di-n-octyl phthalate	14.58	149	3831538	48.60	nq	# 94
85) Indeno(1,2,3-cd)pyrene	16.69	276	2278993	43.82	nq	100
87) Benzo(b)fluoranthene	15.01	252	2808189	43.29	nq	# 95
88) Benzo(k)fluoranthene	15.01	252	2808189	52.60	nq	# 97
89) Benzo(a)pyrene	15.34	252	2282113	42.61	nq	98
90) Dibenzo(a,h)anthracene	16.71	278	1894376	44.92	nq	96
91) Benzo(g,h,i)perylene	17.07	276	1914315	44.61	nq	100

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

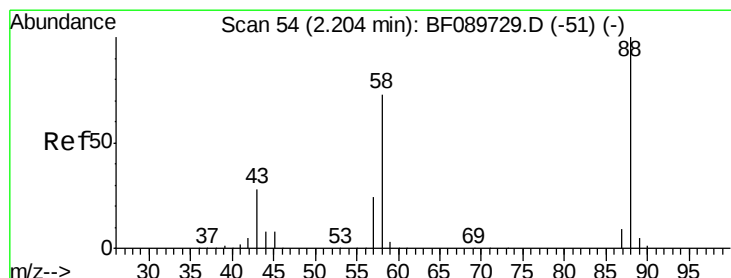
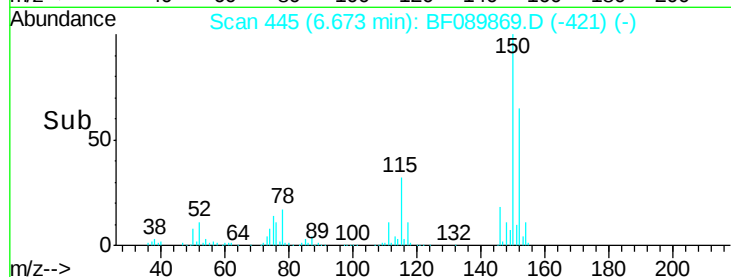
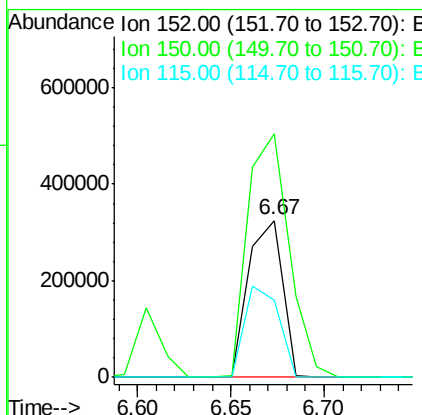
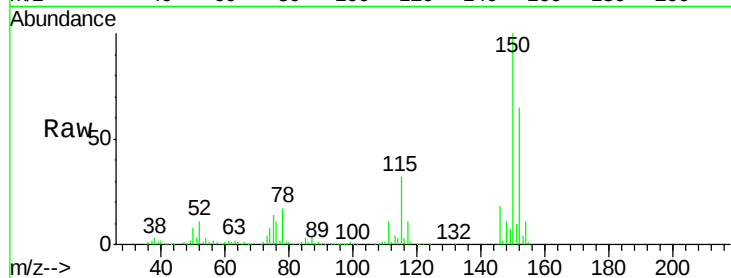


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Instrument :
BNA_F
ClientSampleId :

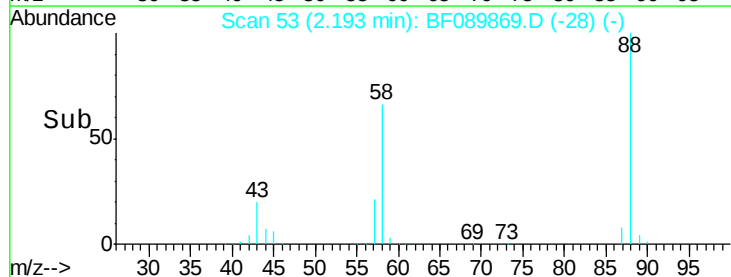
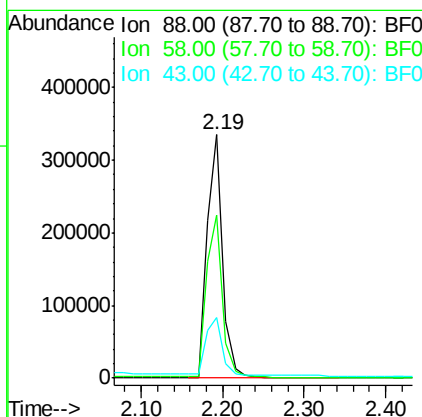
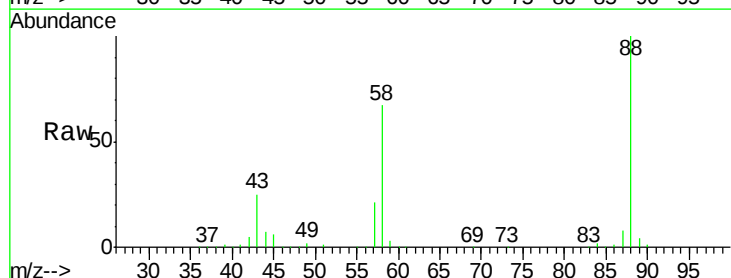
Tot Ion:152 Resp: 412304
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 49.3 40.9 61.3

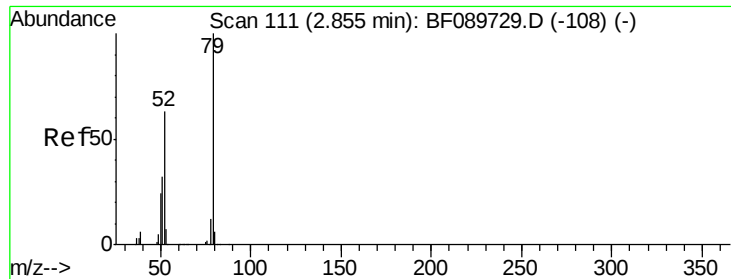


#2

1,4-Dioxane
Concen: 34.99 ng
RT: 2.19 min Scan# 53
Delta R.T. -0.01 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion: 88 Resp: 446384
Ion Ratio Lower Upper
88 100
58 68.7 57.0 85.4
43 25.9 21.8 32.8





#3

Pvridine

Concen: 40.34 ng

RT: 2.82 min Scan# 108

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

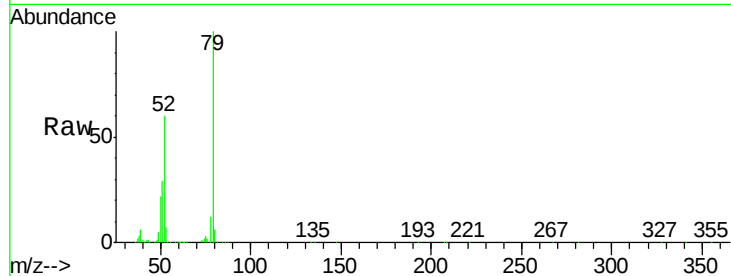
Tot Ion: 79 Resp: 1326201

Ion Ratio Lower Upper

79 100

52 59.6 53.6 80.4

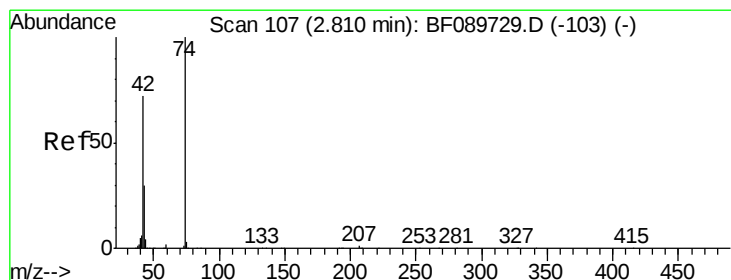
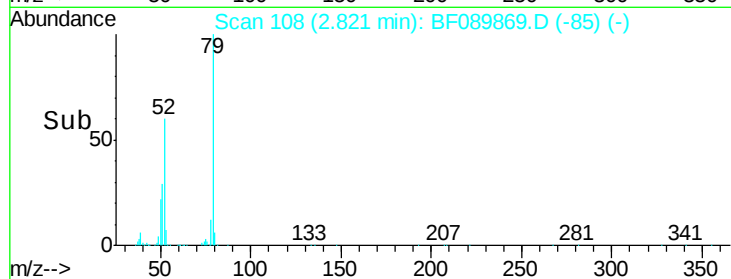
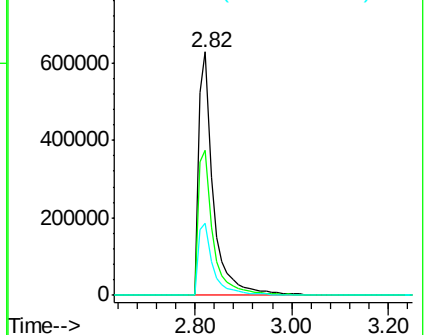
51 29.4 26.6 39.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 38.58 ng

RT: 2.79 min Scan# 105

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

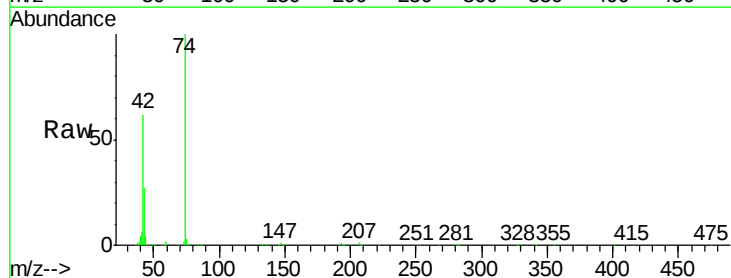
Tgt Ion: 42 Resp: 509052

Ion Ratio Lower Upper

42 100

74 161.7 106.2 159.2#

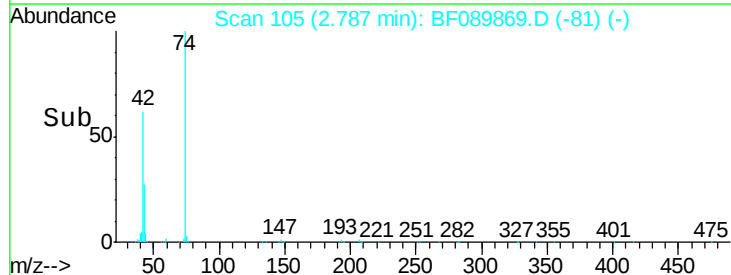
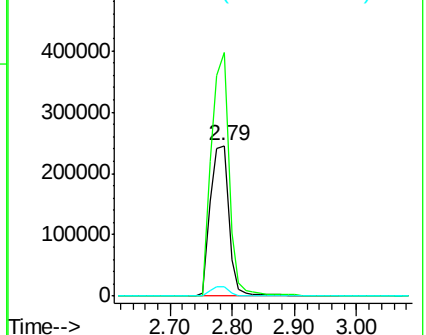
44 6.5 6.9 10.3#

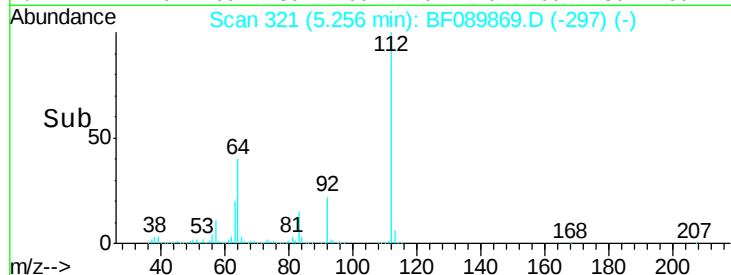
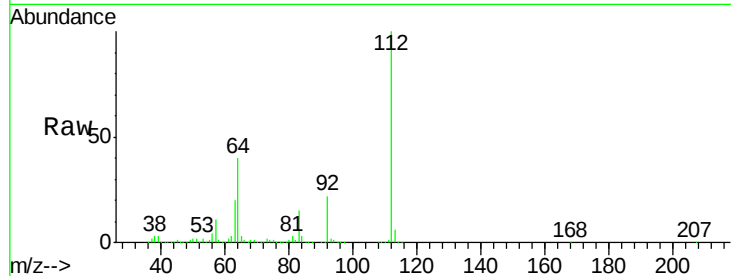
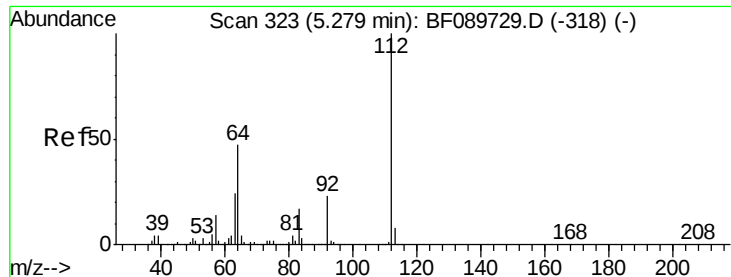


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 127.02 ng

RT: 5.26 min Scan# 321

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

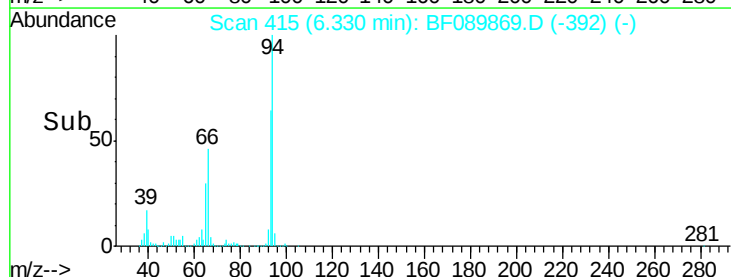
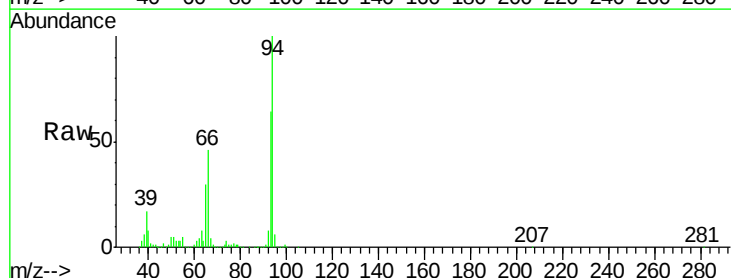
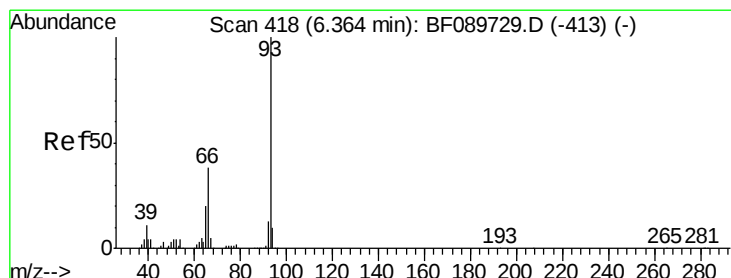
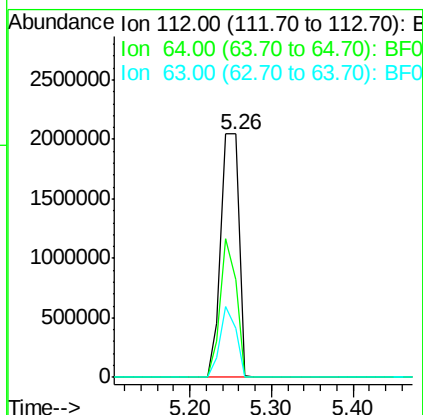
Tot Ion:112 Resp: 3138816

Ion Ratio Lower Upper

112 100

64 40.4 45.0 67.4#

63 20.4 23.1 34.7#



#6

Aniline

Concen: 24.89 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

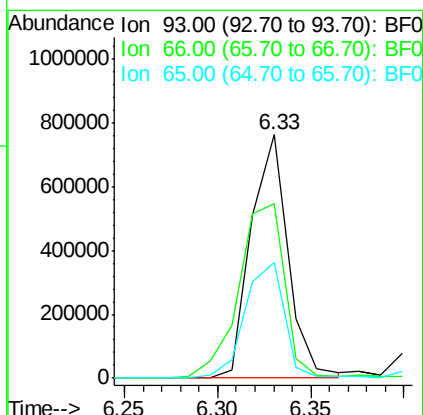
Tgt Ion: 93 Resp: 1051589

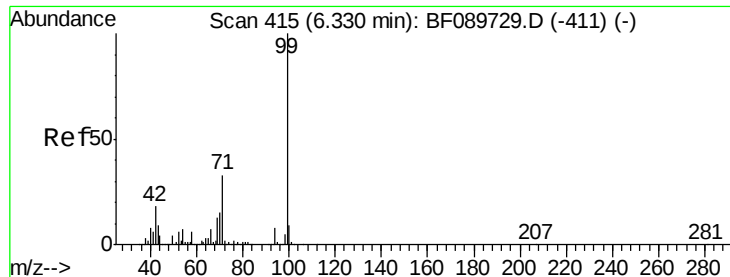
Ion Ratio Lower Upper

93 100

66 71.6 30.6 46.0#

65 47.4 15.4 23.2#





#7

Phenol-d6

Concen: 140.63 ng

RT: 6.31 min Scan# 413

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

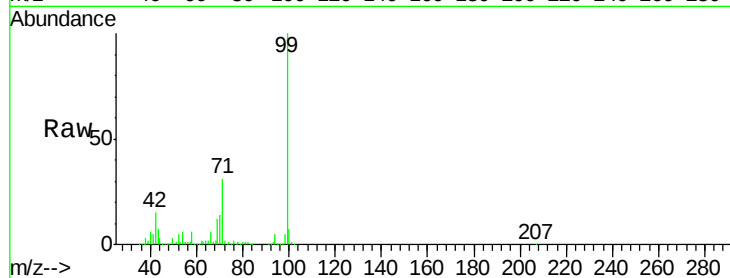
Tot Ion: 99 Resp: 4420234

Ion Ratio Lower Upper

99 100

42 14.7 12.2 18.4

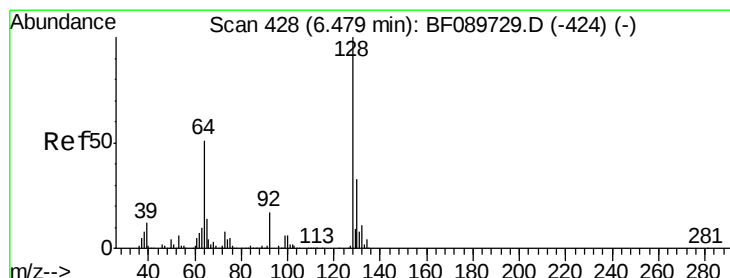
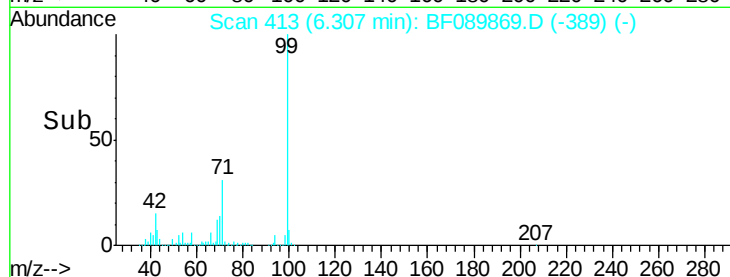
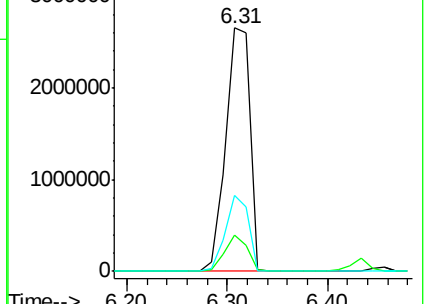
71 31.0 23.8 35.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.46 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

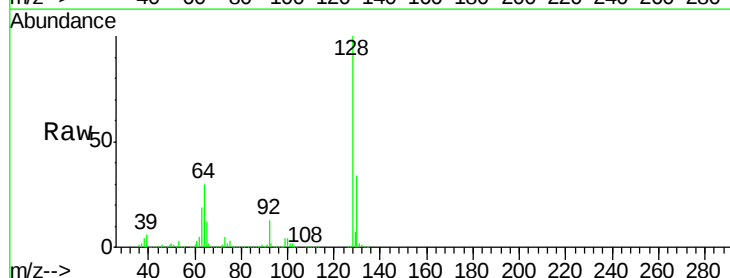
Tgt Ion: 128 Resp: 1189294

Ion Ratio Lower Upper

128 100

130 34.2 12.0 52.0

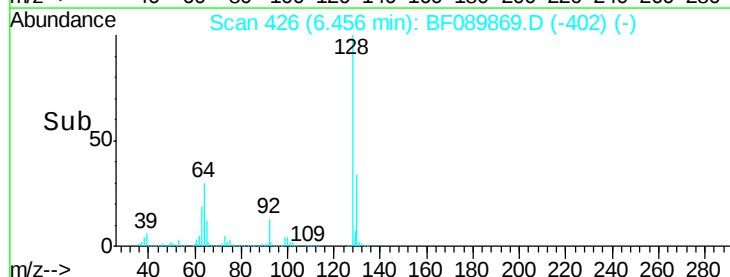
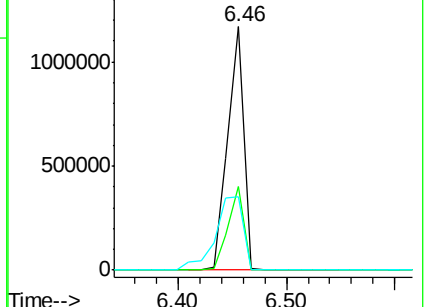
64 30.2 35.1 75.1#

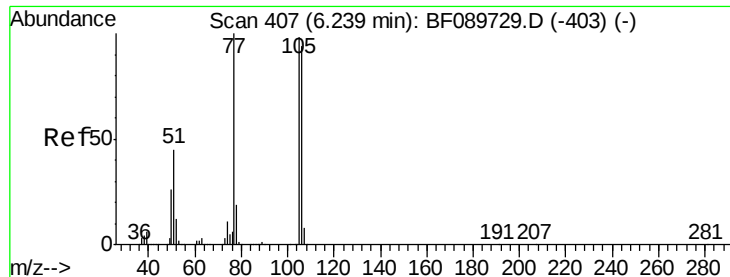


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 13.73 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

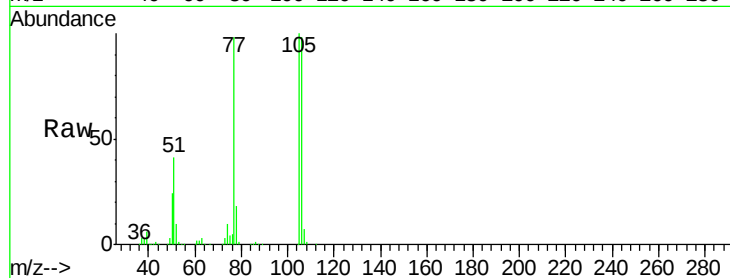
Tot Ion: 77 Resp: 286030

Ion Ratio Lower Upper

77 100

105 102.0 73.3 113.3

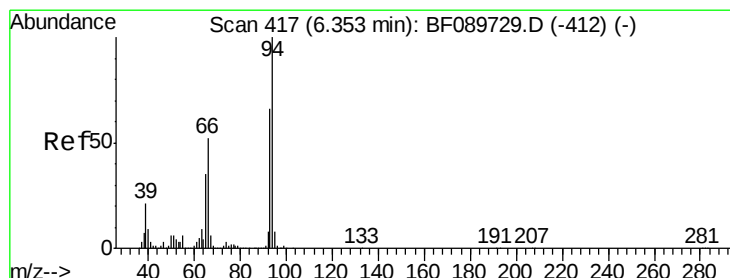
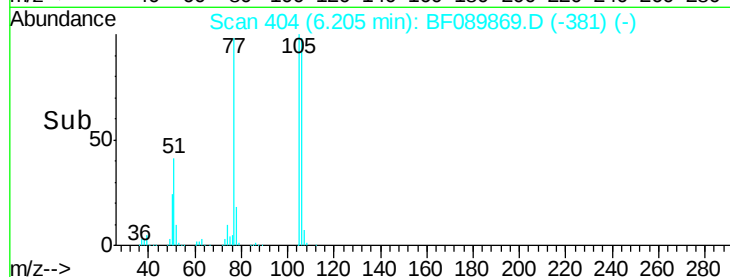
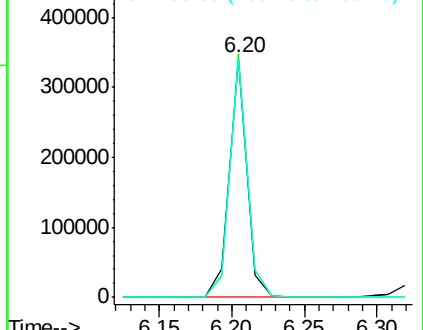
106 100.0 68.6 108.6



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: 36.98 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

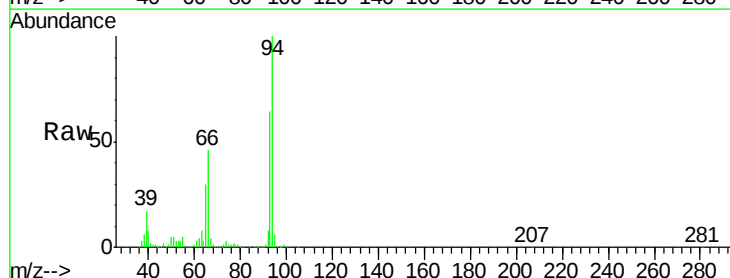
Tgt Ion: 94 Resp: 1446562

Ion Ratio Lower Upper

94 100

65 30.3 14.0 54.0

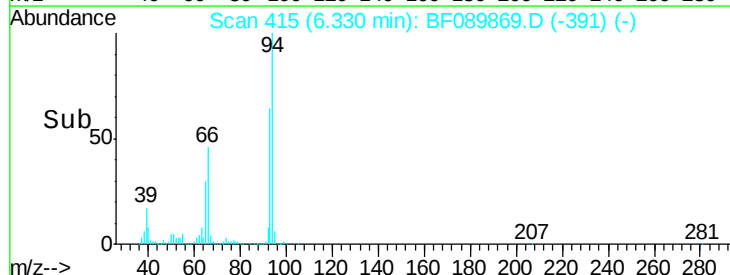
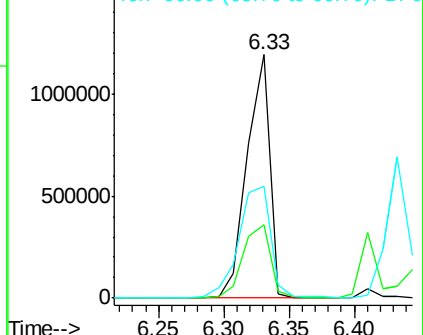
66 45.8 31.2 71.2

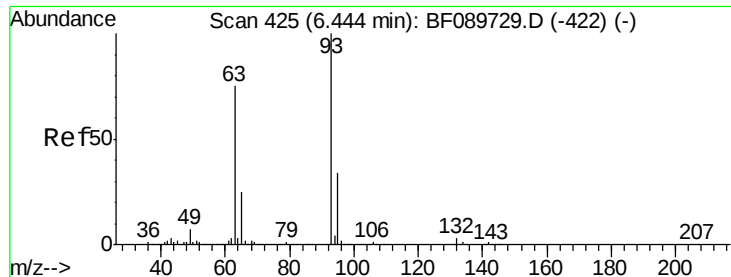


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

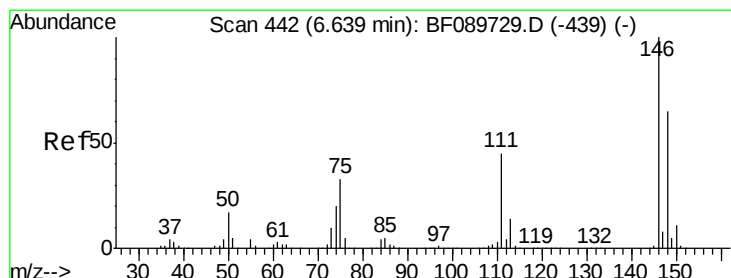
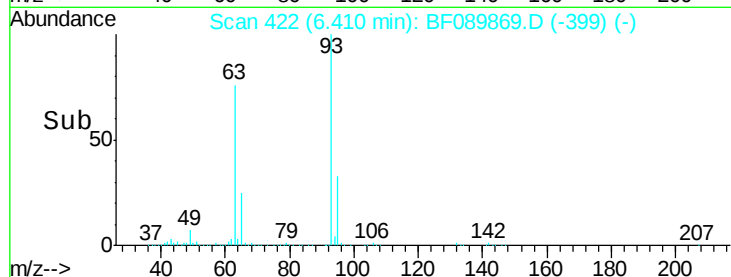
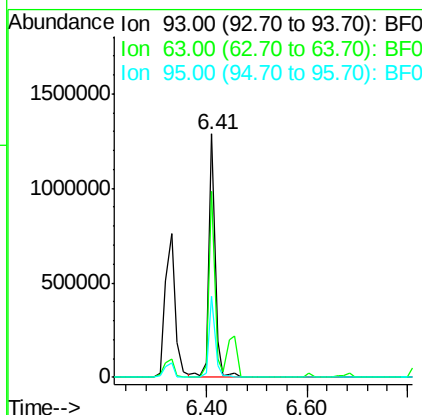
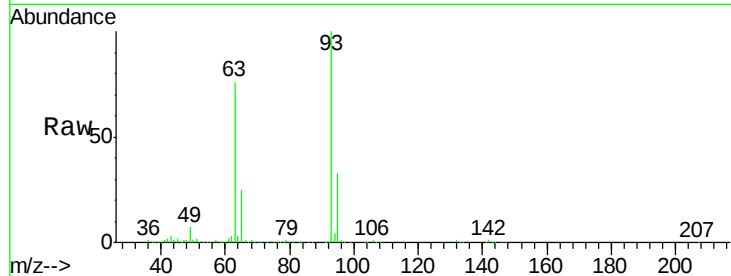




#11
 bis(2-Chloroethyl)ether
 Concen: 39.19 ng
 RT: 6.41 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

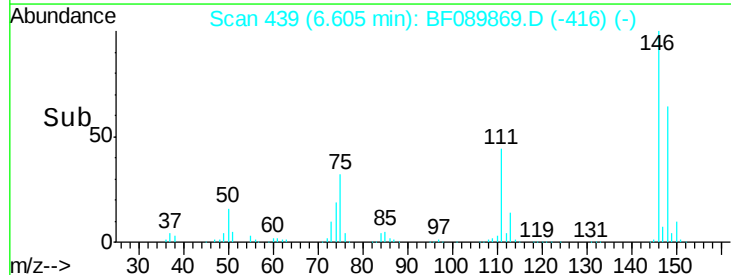
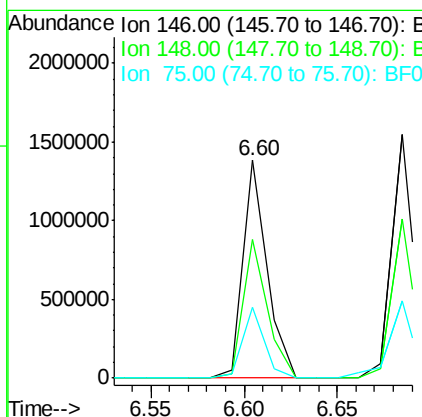
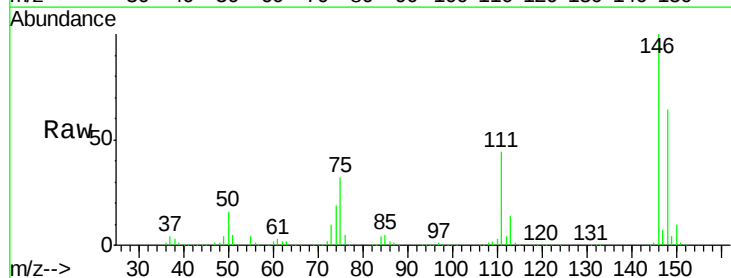
Instrument :
 BNA_F
 ClientSampleId :

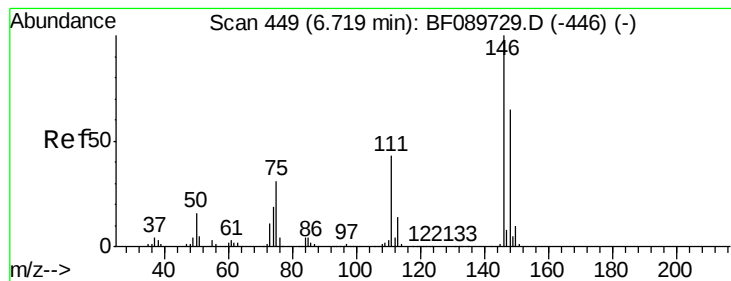
Tot Ion: 93 Resp: 1136010
 Ion Ratio Lower Upper
 93 100
 63 76.4 55.8 95.8
 95 33.2 13.0 53.0



#12
 1,3-Dichlorobenzene
 Concen: 39.43 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion: 146 Resp: 1238883
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.4
 75 32.3 27.0 40.6





#13

1,4-Dichlorobenzene

Concen: 39.60 ng

RT: 6.68 min Scan# 446

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

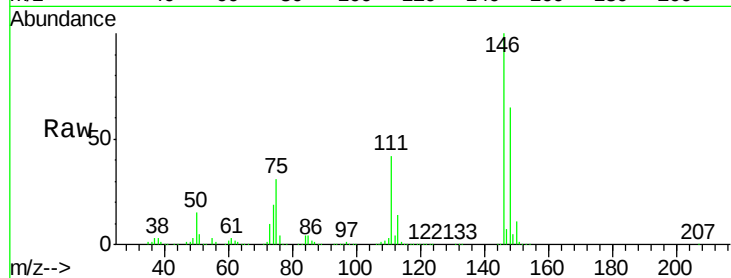
Tot Ion:146 Resp: 1260429

Ion Ratio Lower Upper

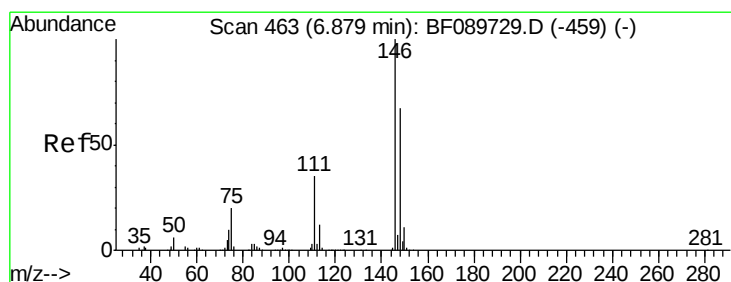
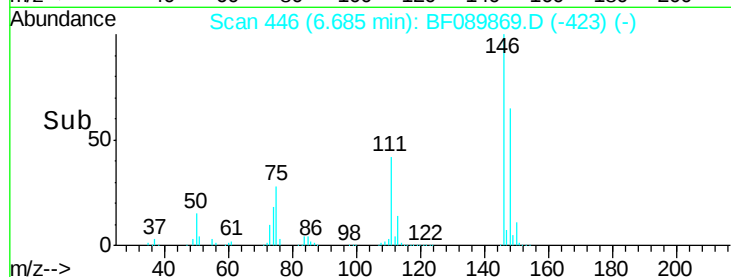
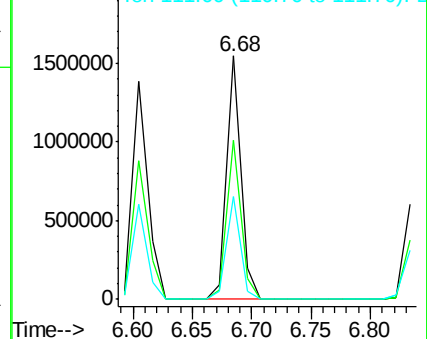
146 100

148 65.2 51.0 76.6

111 42.1 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: 40.26 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

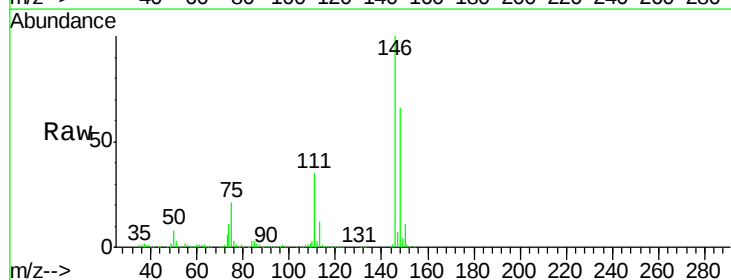
Tgt Ion:146 Resp: 1221778

Ion Ratio Lower Upper

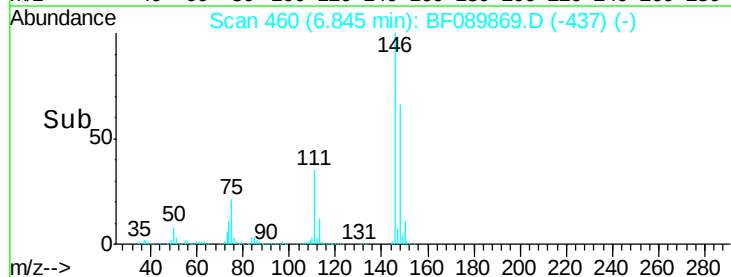
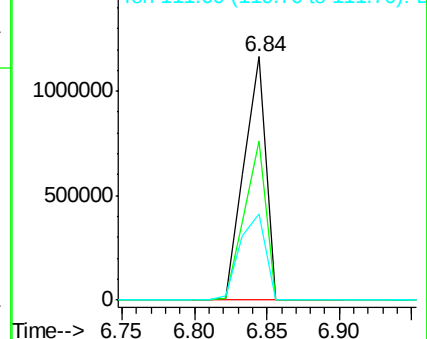
146 100

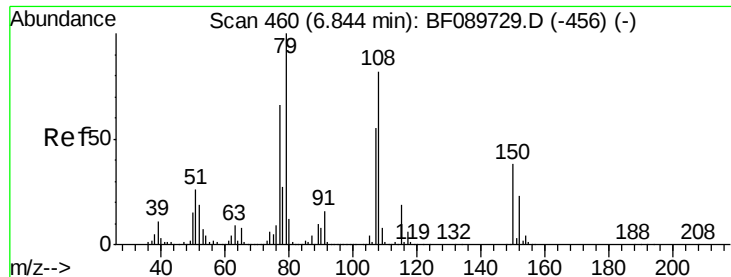
148 65.5 52.2 78.2

111 35.4 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: 45.41 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

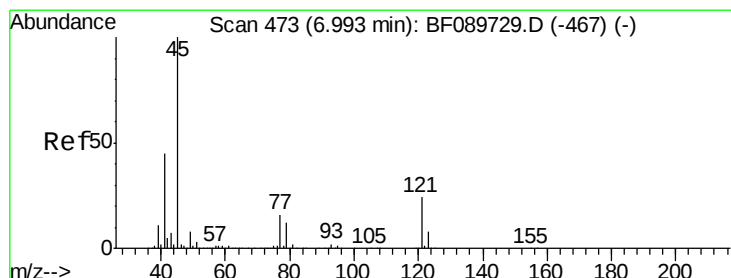
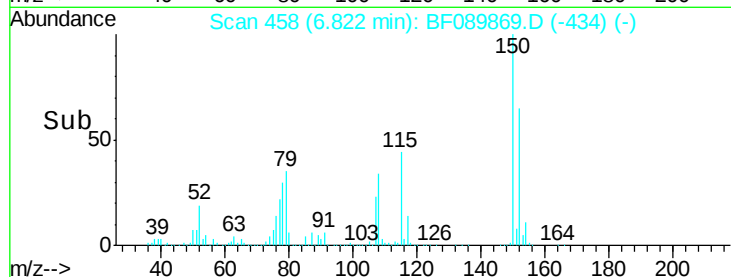
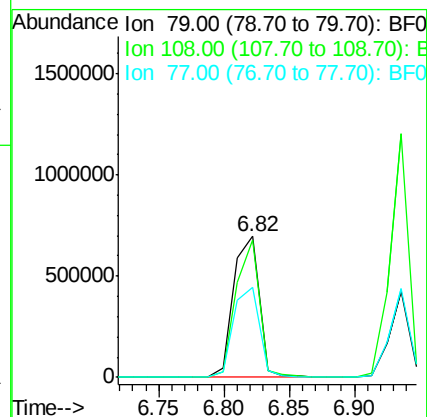
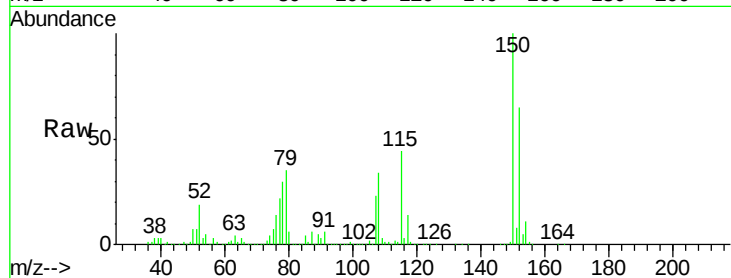
Tot Ion: 79 Resp: 953884

Ion Ratio Lower Upper

79 100

108 97.5 62.5 93.7#

77 63.7 51.5 77.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.22 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

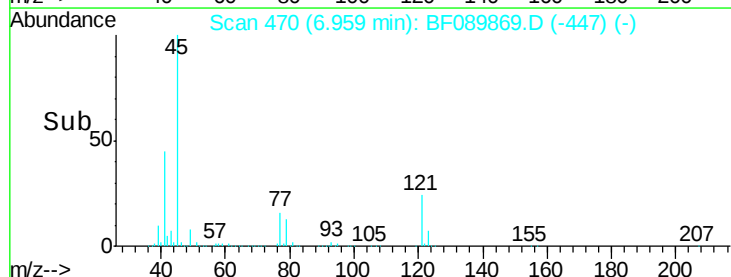
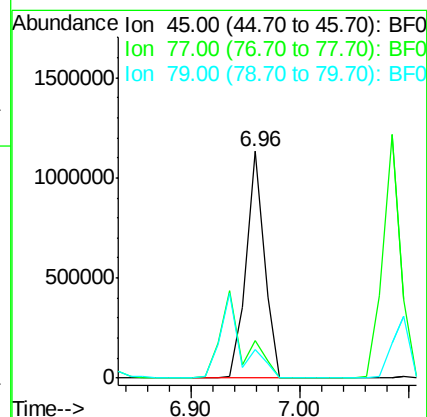
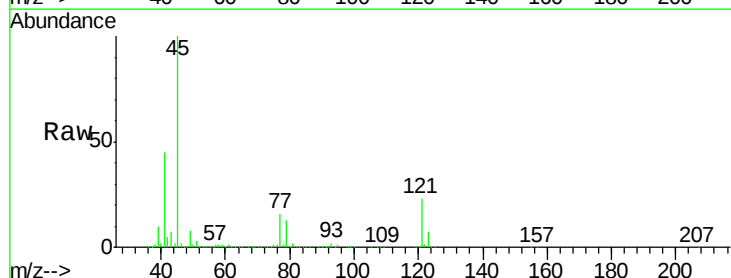
Tgt Ion: 45 Resp: 1301285

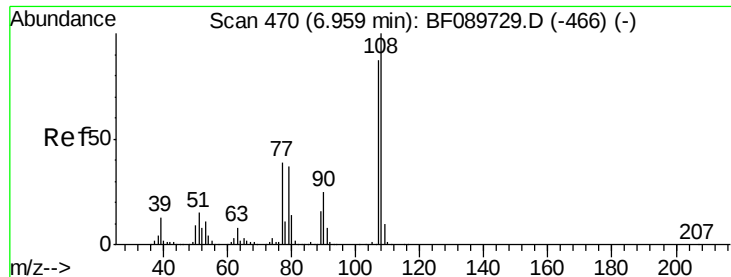
Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.5

79 12.7 0.0 30.7

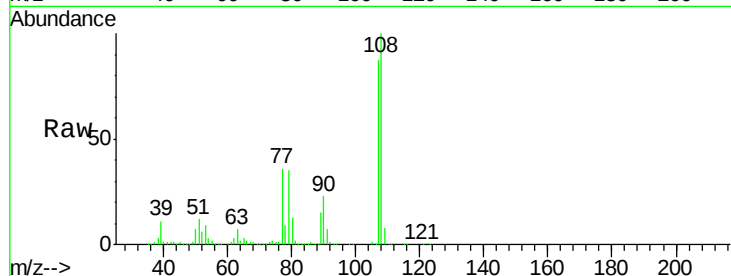




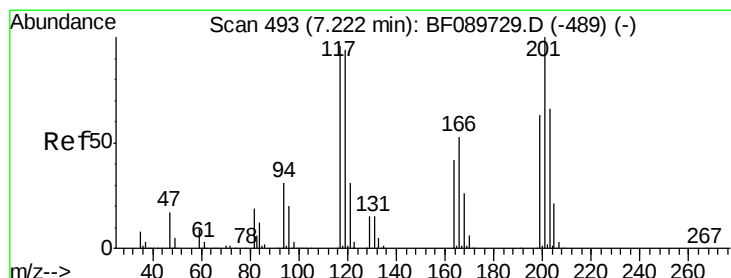
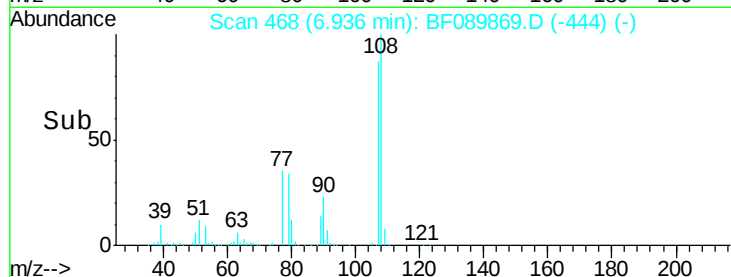
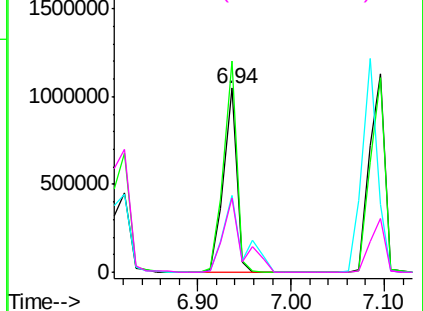
#17
2-Methylphenol
Concen: 43.77 ng
RT: 6.94 min Scan# 468
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 1022030
Ion Ratio Lower Upper
107 100
108 114.8 91.0 136.4
77 41.8 37.4 56.0
79 40.5 36.6 55.0

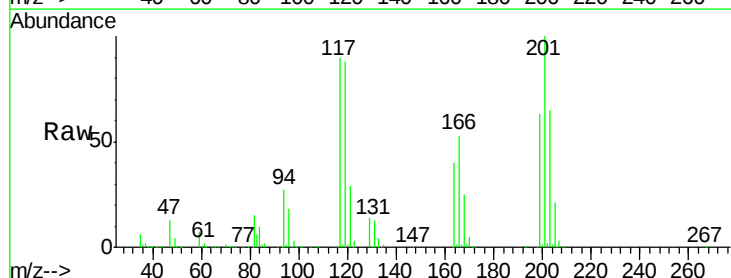


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

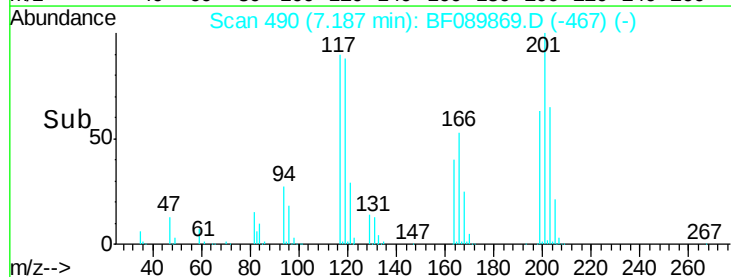
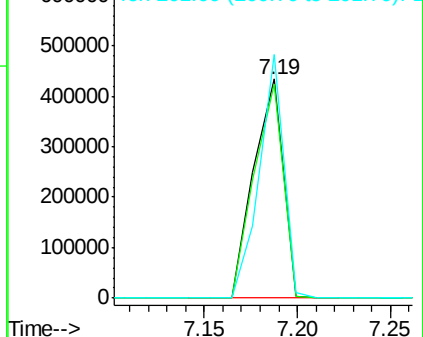


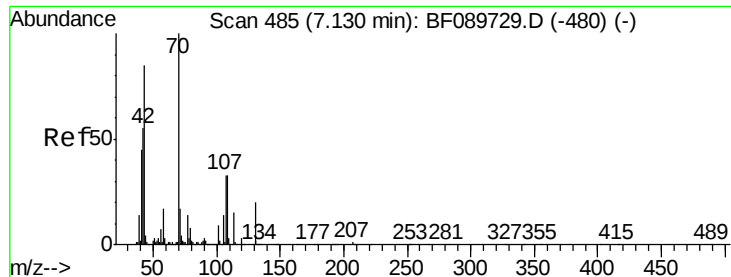
#18
Hexachloroethane
Concen: 40.52 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:117 Resp: 472705
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
201 111.3 76.9 115.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

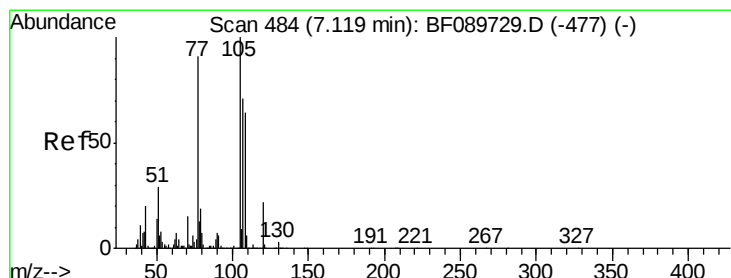
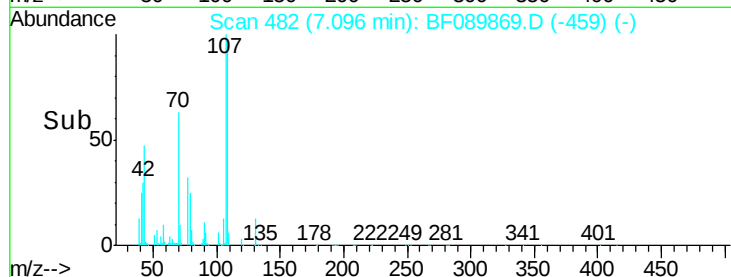
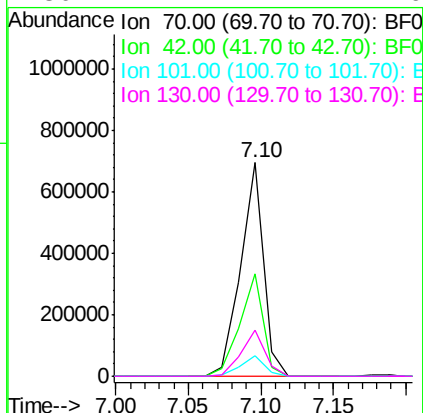
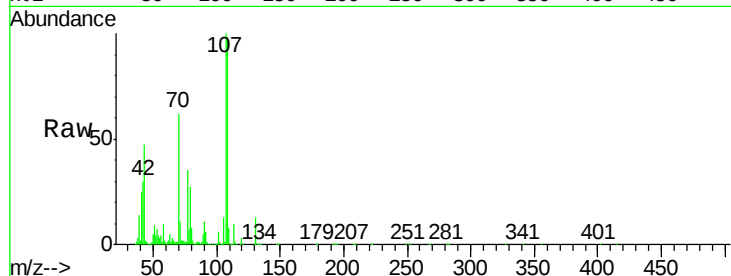




#19
n-Nitroso-di-n-propylamine
Concen: 37.14 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

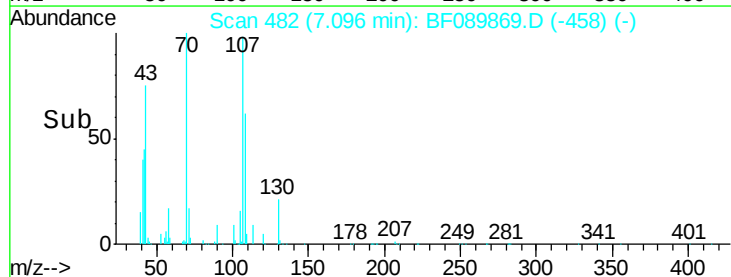
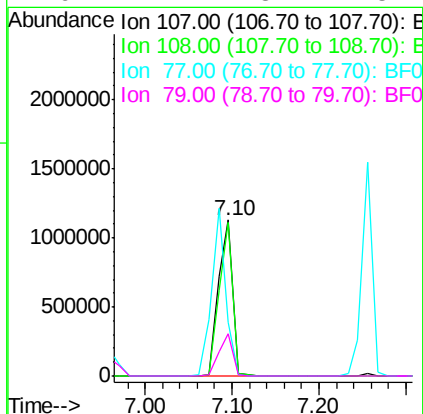
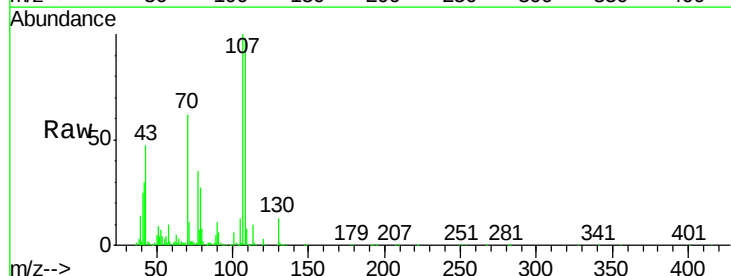
Instrument :
BNA_F
ClientSampleId :

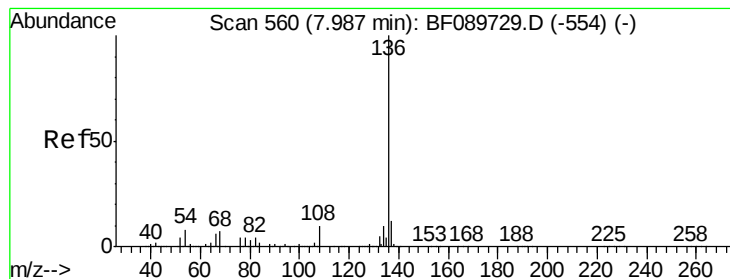
Tot Ion:	70	Resp:	764577
Ion	Ratio	Lower	Upper
70	100		
42	48.0	46.3	69.5
101	9.5	7.0	10.6
130	21.4	14.4	21.6



#20
3+4-Methylphenols
Concen: 43.35 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:	107	Resp:	1296560
Ion	Ratio	Lower	Upper
107	100		
108	98.2	68.2	108.2
77	34.5	122.3	162.3#
79	27.4	8.2	48.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 1665966

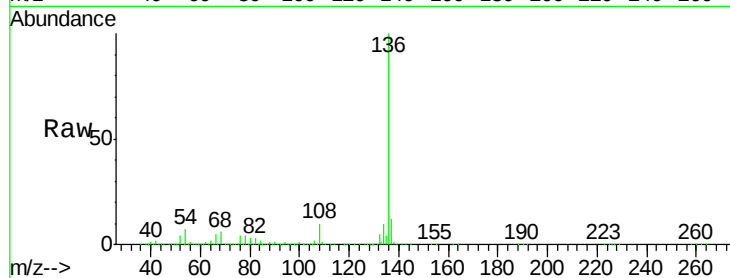
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 7.1 7.2 10.8#

68 6.3 5.8 8.8

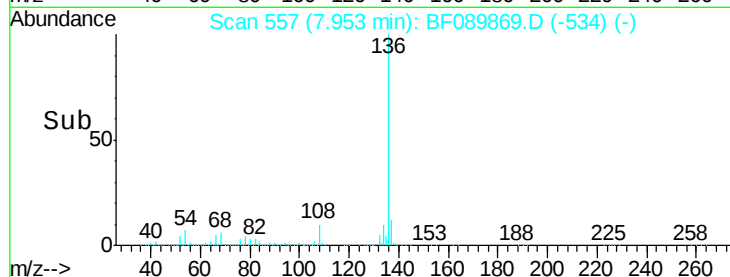


Abundance Ion 136.00 (135.70 to 136.70): E

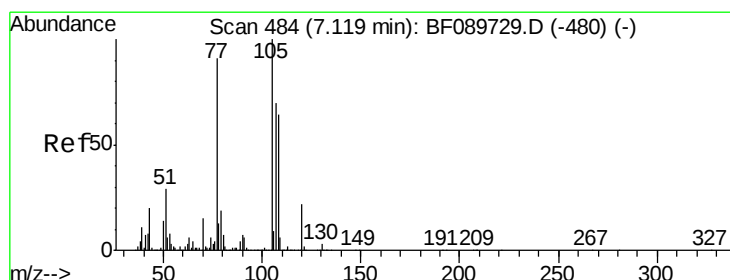
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 37.17 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Tgt Ion:105 Resp: 1439466

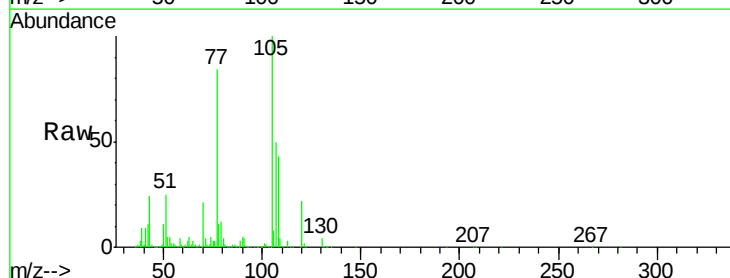
Ion Ratio Lower Upper

105 100

71 3.6 1.9 2.9#

51 25.3 28.5 42.7#

120 22.4 16.6 25.0

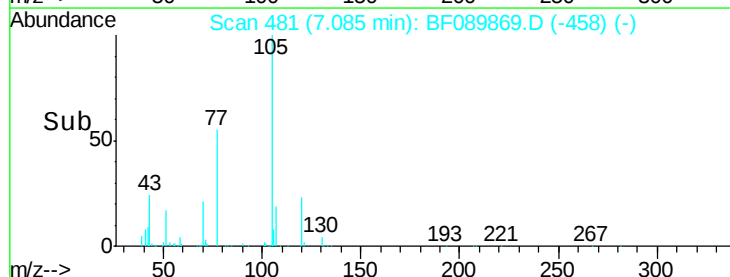


Abundance Ion 105.00 (104.70 to 105.70): E

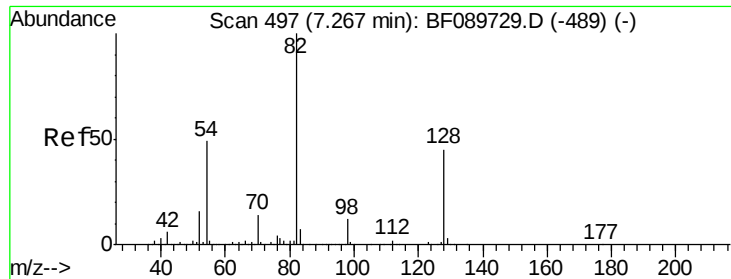
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

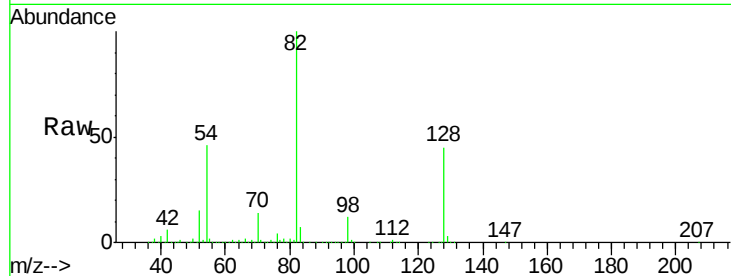


#23
 Nitrobenzene-d5
 Concen: 95.92 ng
 RT: 7.23 min Scan# 494
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

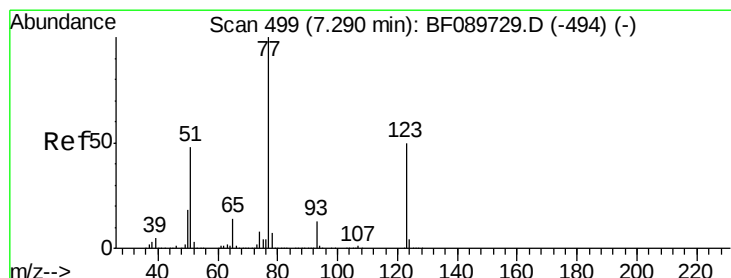
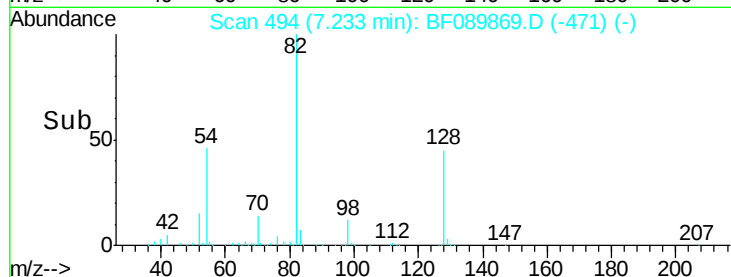
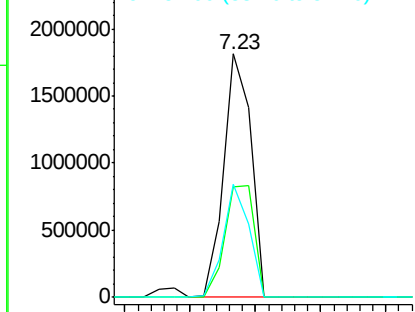
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 2616936

Ion	Ratio	Lower	Upper
82	100		
128	45.3	34.4	51.6
54	46.3	40.3	60.5



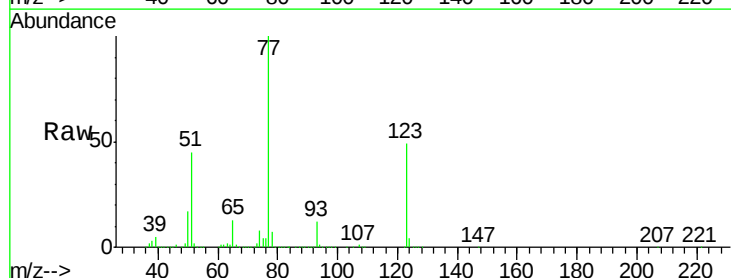
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



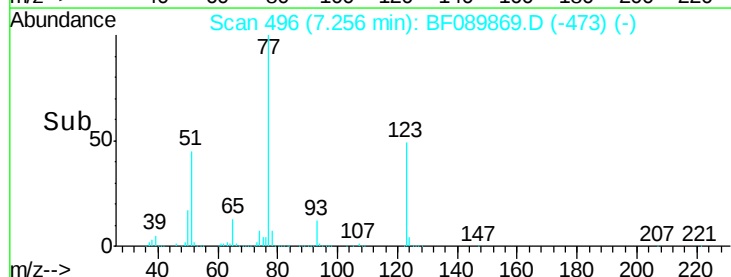
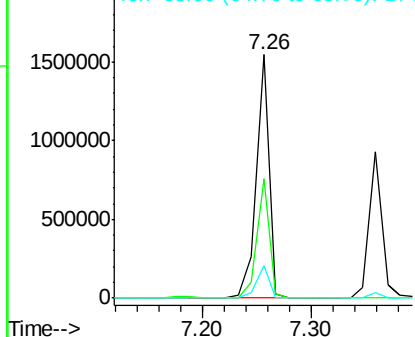
#24
 Nitrobenzene
 Concen: 41.48 ng
 RT: 7.26 min Scan# 496
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

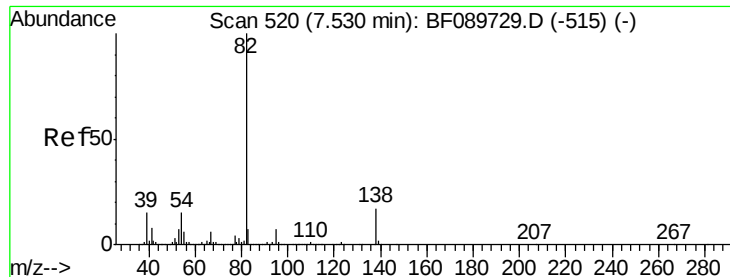
Tgt Ion: 77 Resp: 1272943

Ion	Ratio	Lower	Upper
77	100		
123	49.0	36.2	54.2
65	13.5	10.6	15.8



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





#25

Isophorone

Concen: 39.47 ng

RT: 7.50 min Scan# 517

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

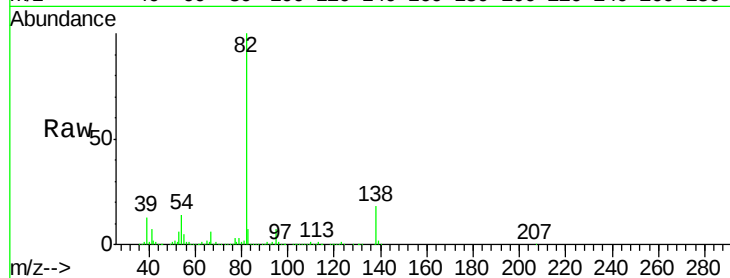
Tot Ion: 82 Resp: 2154654

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

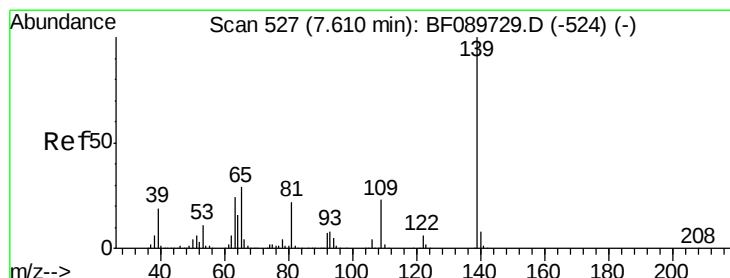
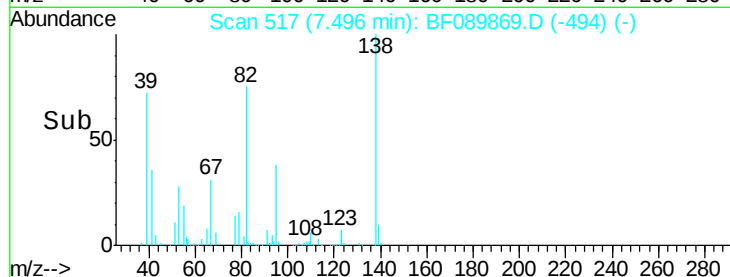
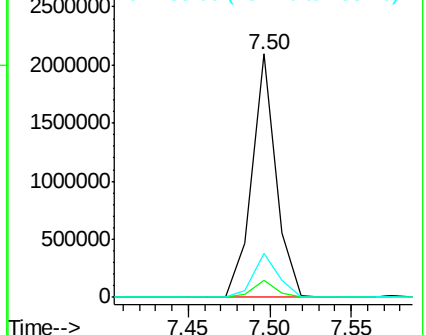
138 17.9 13.0 19.4



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: 42.61 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

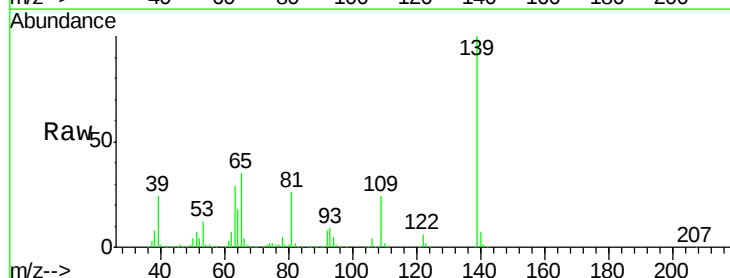
Tgt Ion: 139 Resp: 615329

Ion Ratio Lower Upper

139 100

109 24.0 19.5 29.3

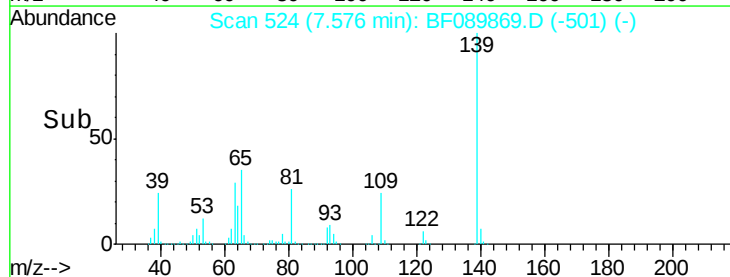
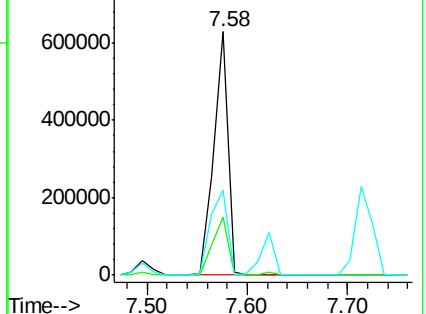
65 34.9 26.5 39.7

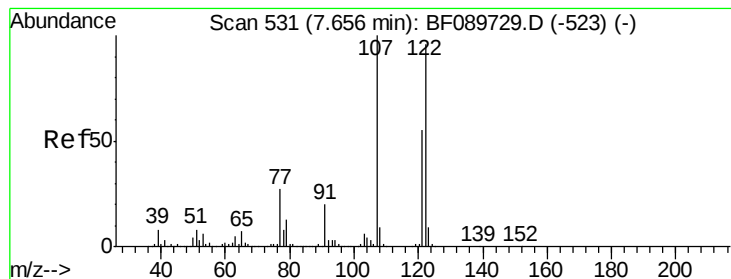


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 43.31 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

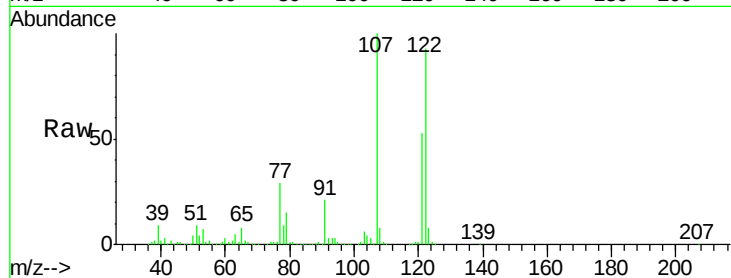
Tot Ion:122 Resp: 1185519

Ion Ratio Lower Upper

122 100

107 107.7 84.8 127.2

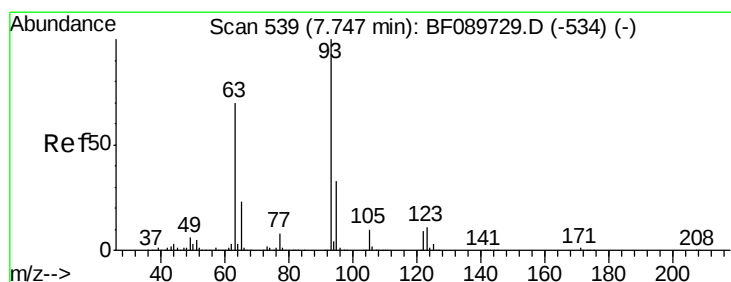
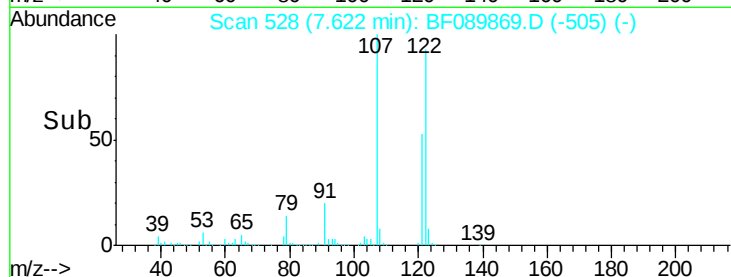
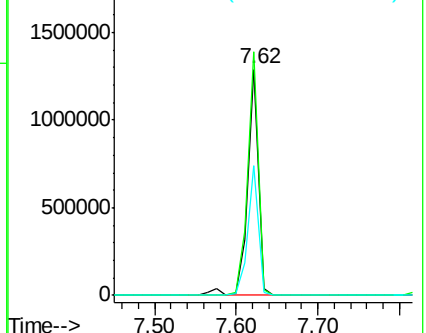
121 57.3 47.0 70.6



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: 42.41 ng

RT: 7.71 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

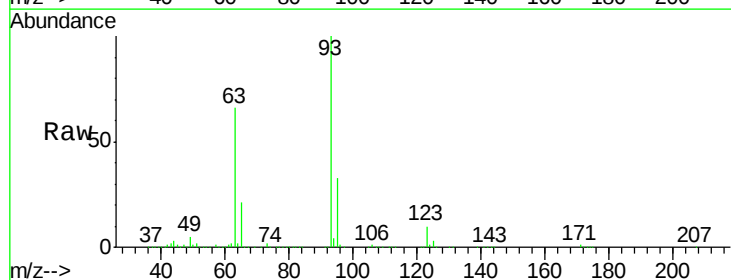
Tgt Ion: 93 Resp: 1406775

Ion Ratio Lower Upper

93 100

95 33.1 25.5 38.3

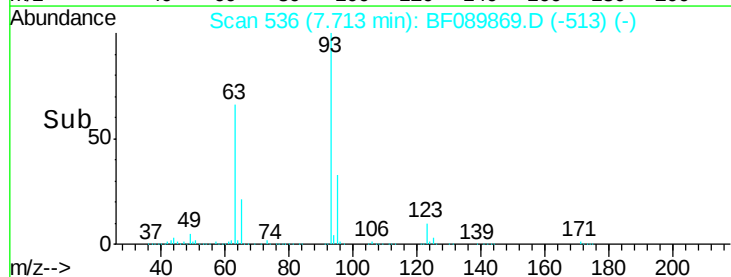
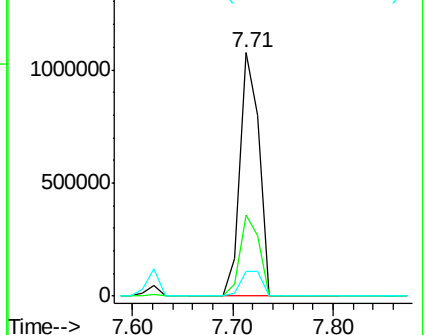
123 10.3 8.5 12.7

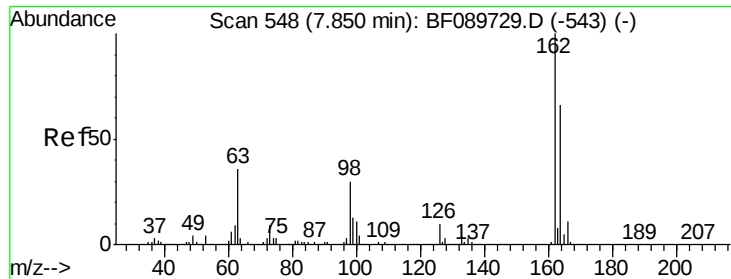


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

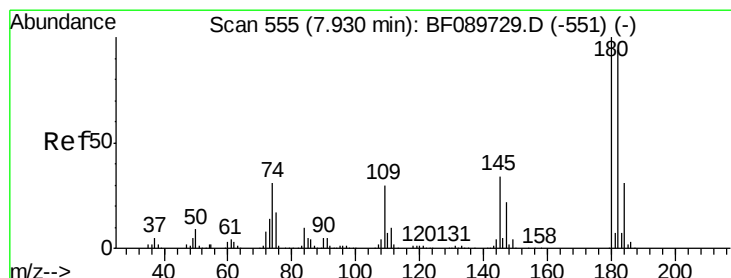
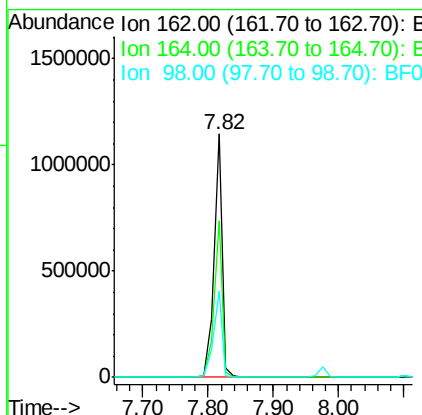
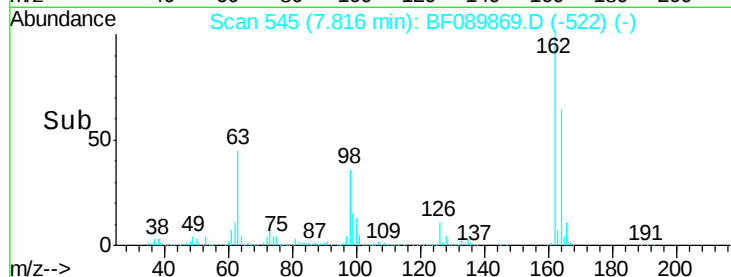
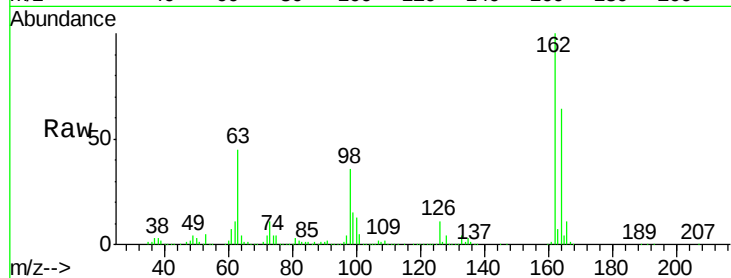




#29
 2,4-Dichlorophenol
 Concen: 44.87 ng
 RT: 7.82 min Scan# 545
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

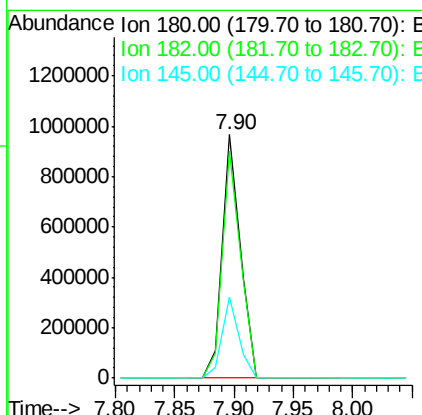
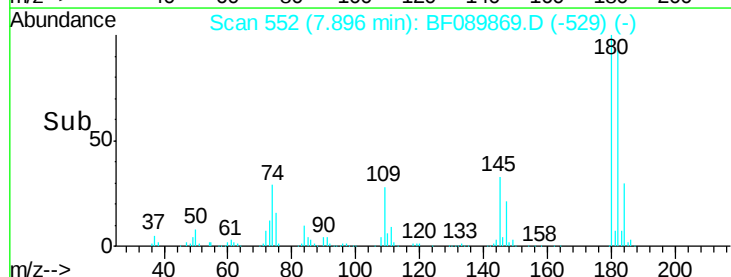
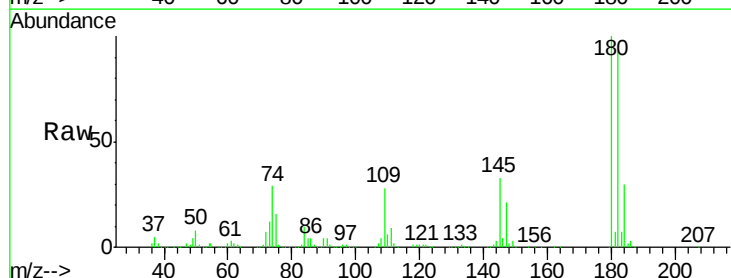
Instrument :
 BNA_F
 ClientSampleId :

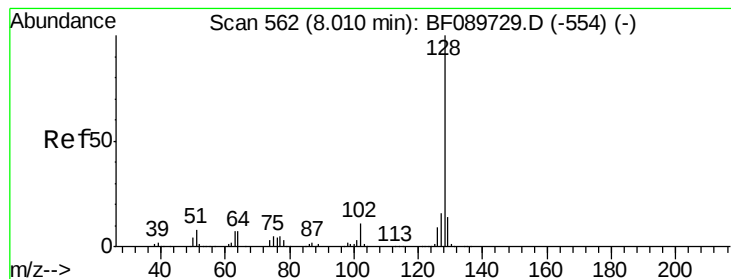
Tot Ion:162 Resp: 1022520
 Ion Ratio Lower Upper
 162 100
 164 64.5 45.5 85.5
 98 35.5 12.4 52.4



#30
 1,2,4-Trichlorobenzene
 Concen: 41.20 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:180 Resp: 1007899
 Ion Ratio Lower Upper
 180 100
 182 93.4 75.5 113.3
 145 33.4 28.7 43.1





#31

Naphthalene

Concen: 42.75 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

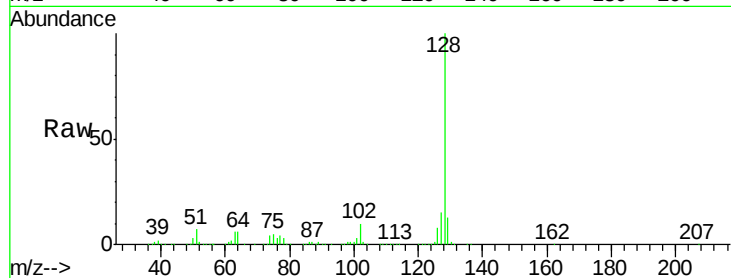
Tot Ion:128 Resp: 3196982

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

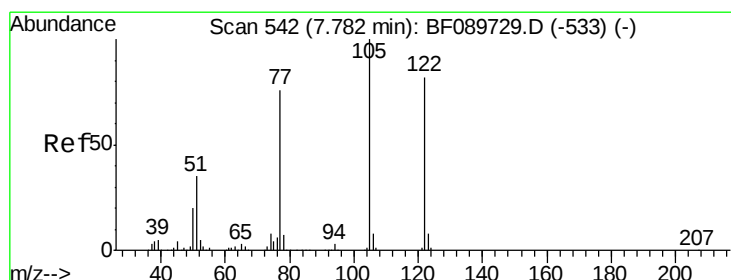
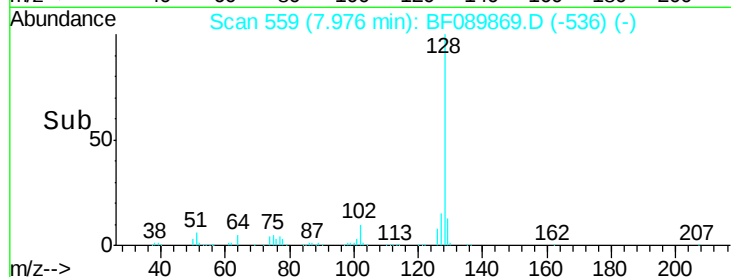
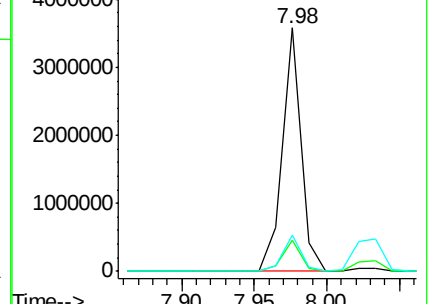
127 14.9 11.3 16.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 55.71 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.16 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

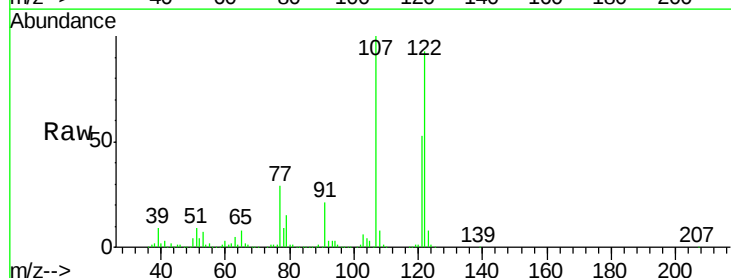
Tgt Ion:122 Resp: 1185519

Ion Ratio Lower Upper

122 100

105 3.6 100.8 140.8#

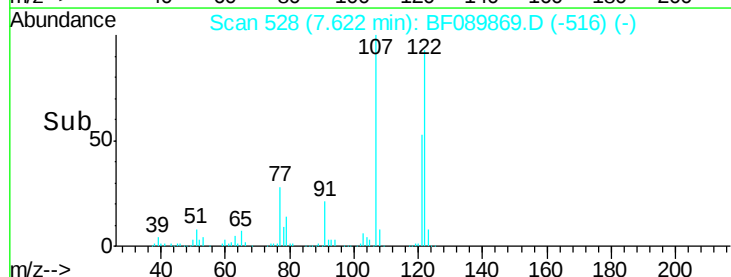
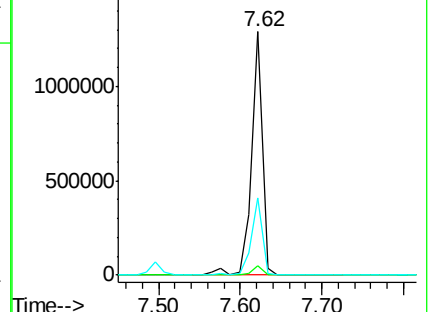
77 31.8 72.1 112.1#

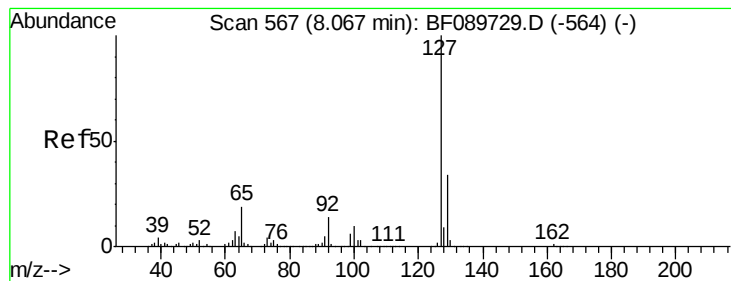


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.07 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 694639

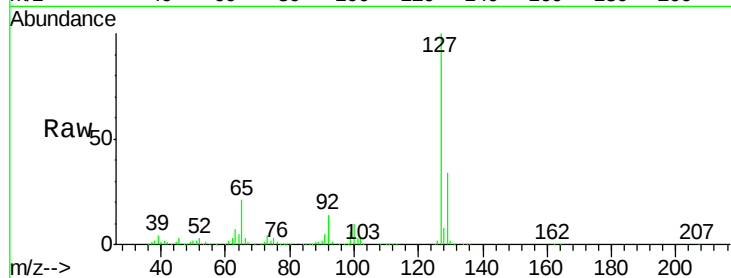
Ion Ratio Lower Upper

127 100

129 33.6 27.0 40.6

65 20.6 14.7 22.1

92 14.4 11.7 17.5

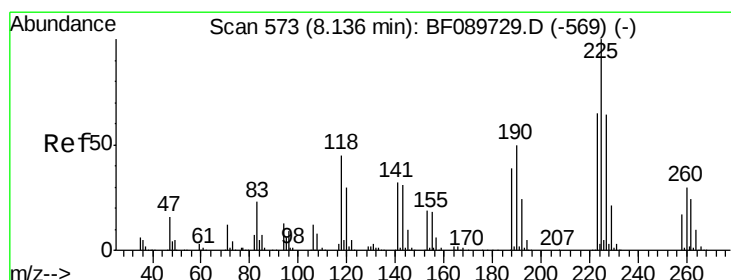
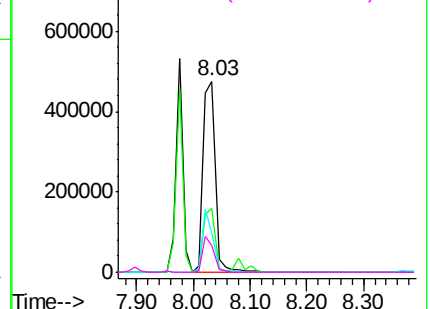
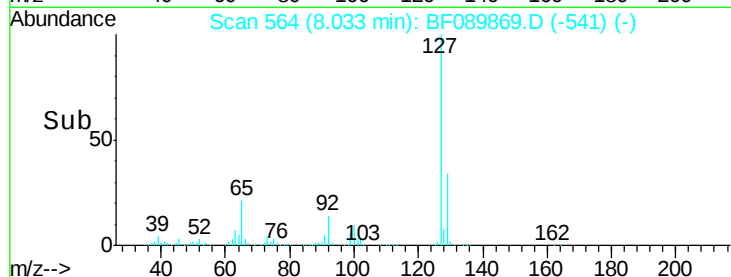


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.77 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

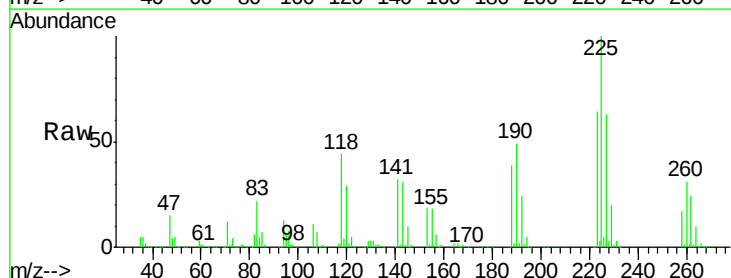
Tgt Ion:225 Resp: 511050

Ion Ratio Lower Upper

225 100

223 64.3 51.0 76.6

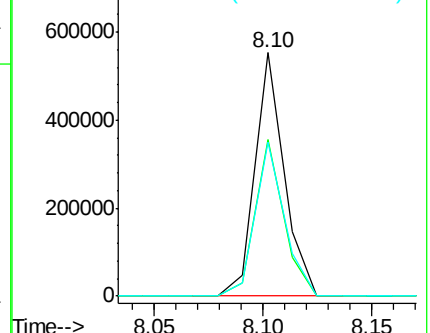
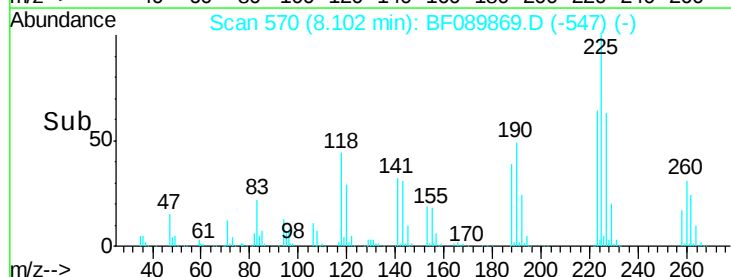
227 63.1 49.8 74.6

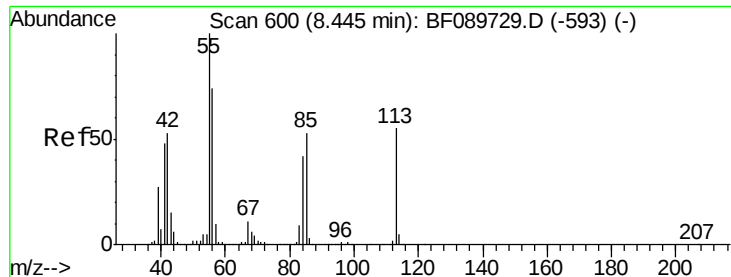


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.10 ng

RT: 8.39 min Scan# 595

Delta R.T. -0.06 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

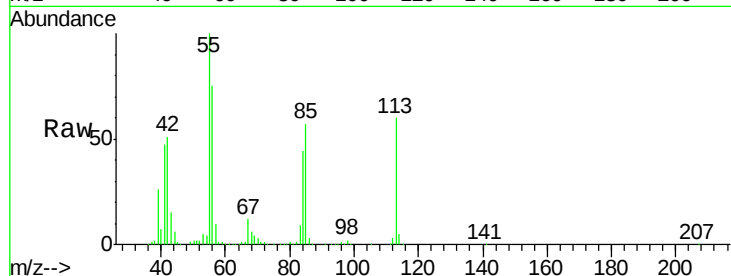
Tot Ion:113 Resp: 281659

Ion Ratio Lower Upper

113 100

55 167.1 135.9 175.9

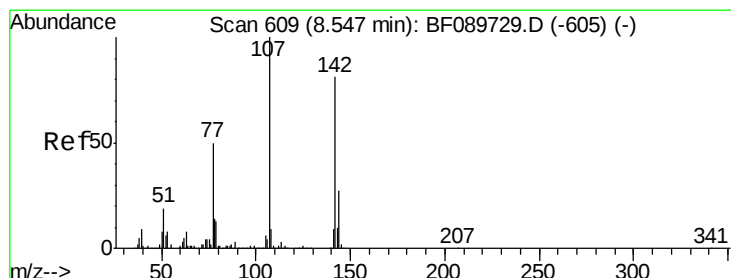
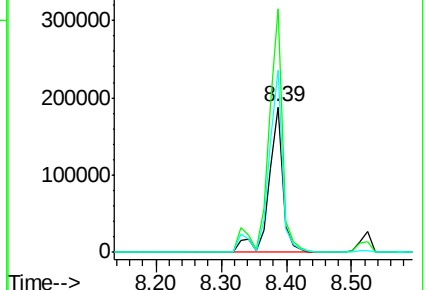
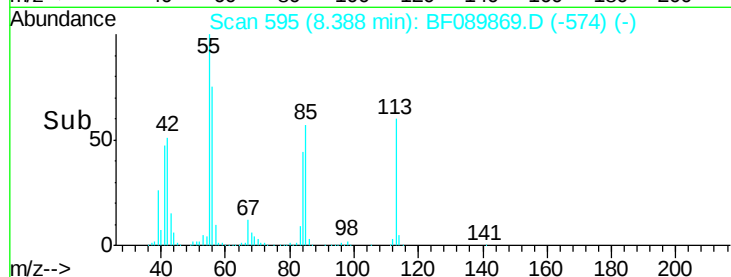
56 124.7 93.9 133.9



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: 43.20 ng

RT: 8.52 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

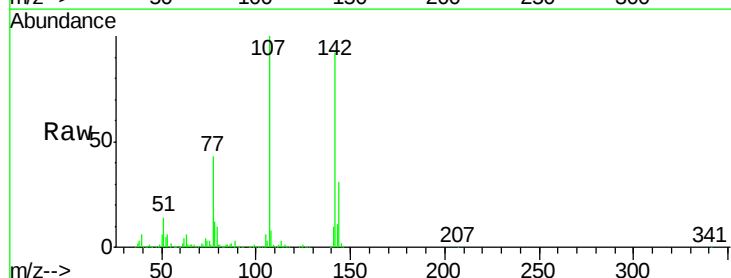
Tgt Ion:107 Resp: 1071685

Ion Ratio Lower Upper

107 100

144 30.9 22.6 34.0

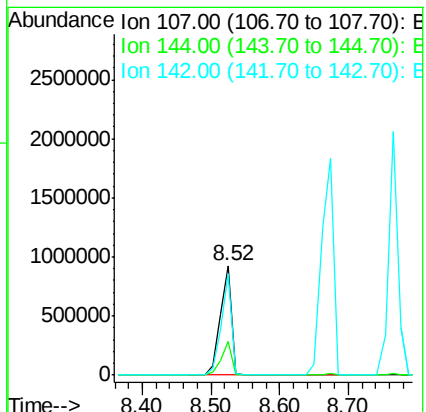
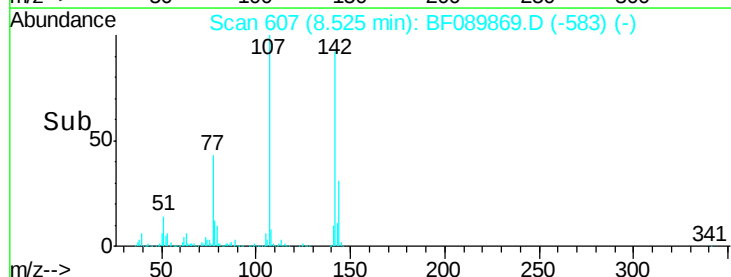
142 92.5 69.3 103.9

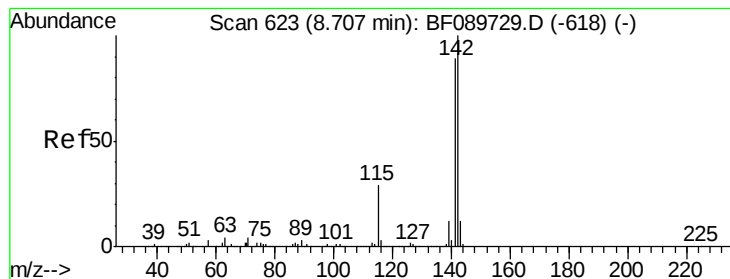


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.14 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

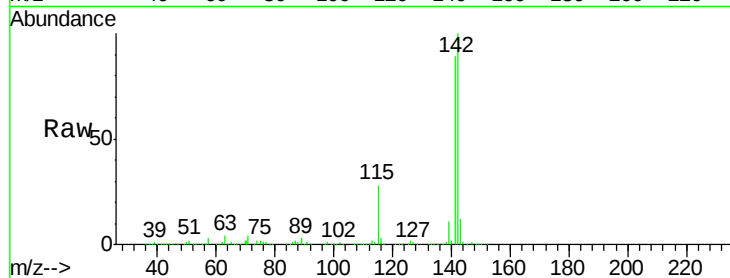
Tot Ion:142 Resp: 2195651

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

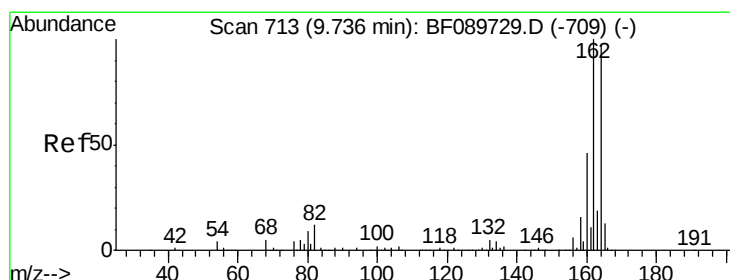
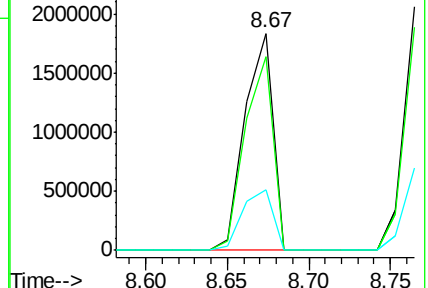
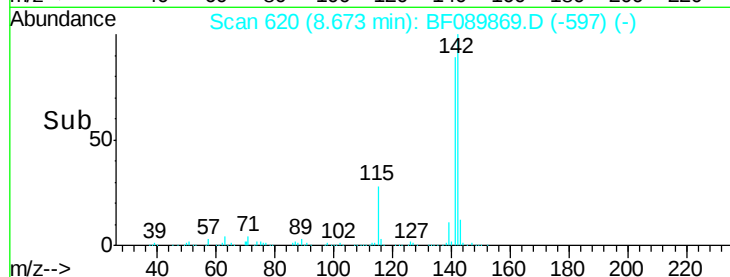
115 27.9 22.7 34.1



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: 9.71 min Scan# 711

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

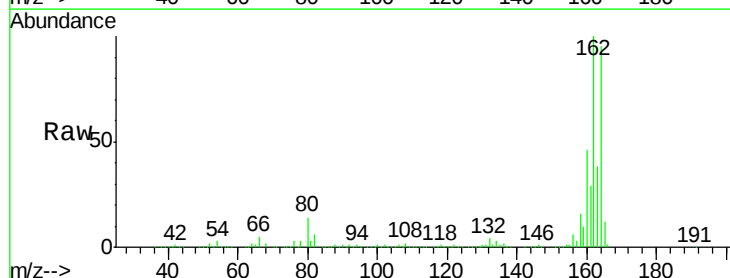
Tgt Ion:164 Resp: 749050

Ion Ratio Lower Upper

164 100

162 105.7 81.4 122.2

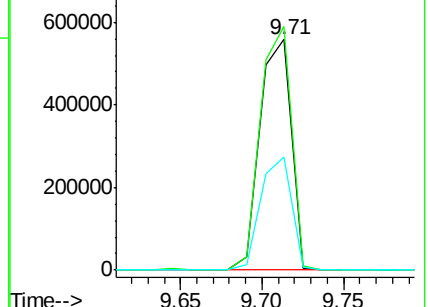
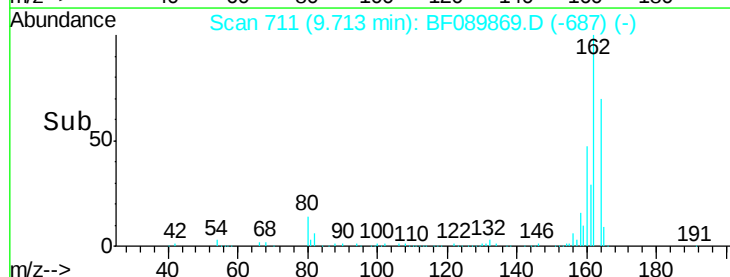
160 49.1 37.8 56.6

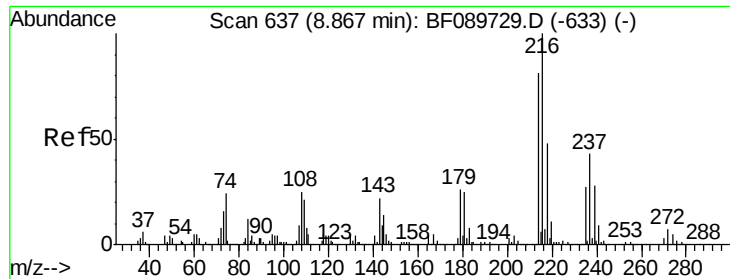


Abundance Ion 164.00 (163.70 to 164.70): E

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: 28.63 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 689479

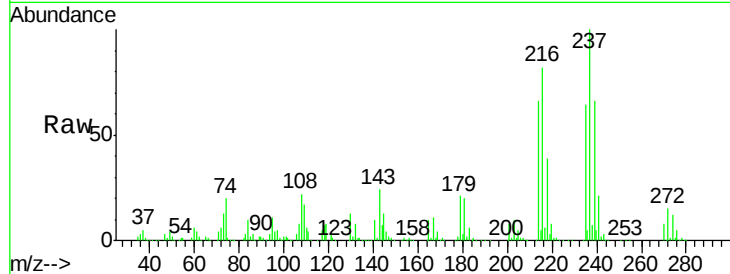
Ion Ratio Lower Upper

216 100

214 79.0 63.5 95.3

179 22.1 19.9 29.9

108 23.3 19.9 29.9

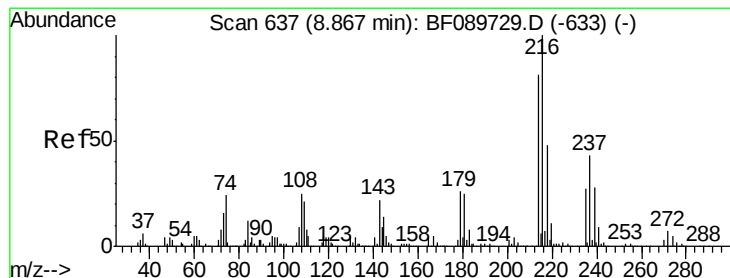
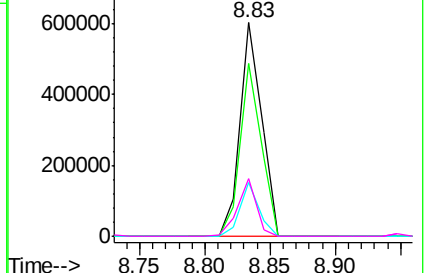
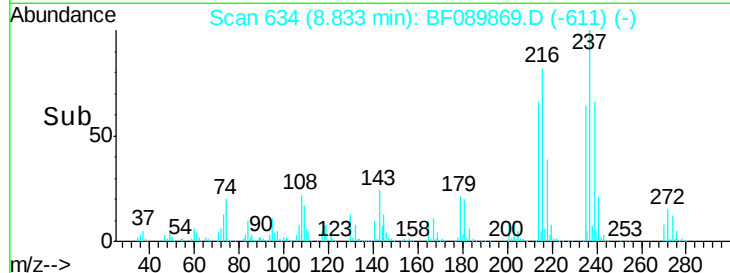


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 77.96 ng

RT: 8.83 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

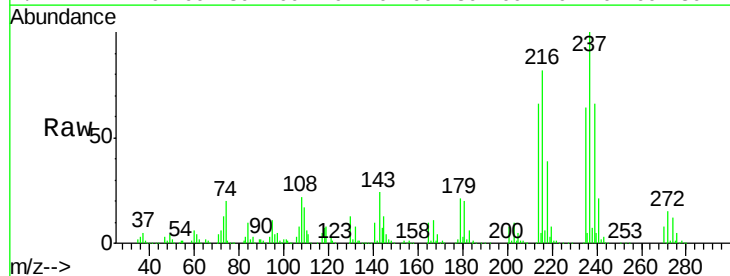
Tgt Ion:237 Resp: 836622

Ion Ratio Lower Upper

237 100

235 63.9 43.7 83.7

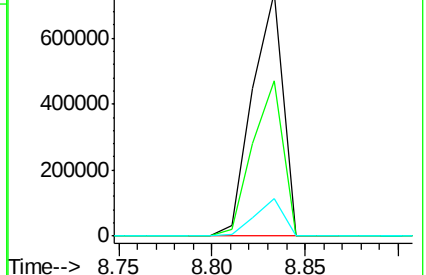
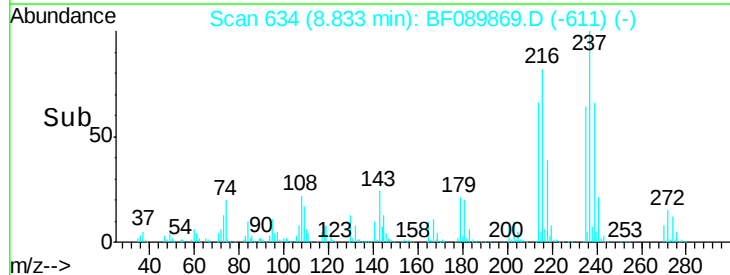
272 15.3 0.0 31.6

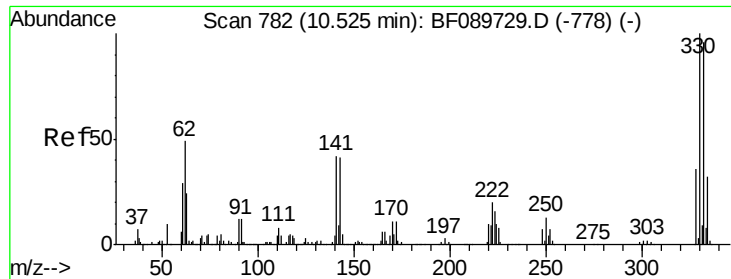


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

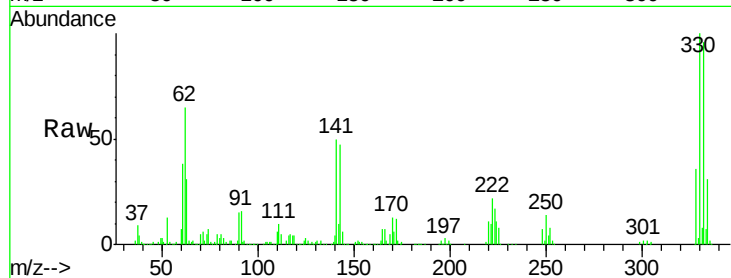




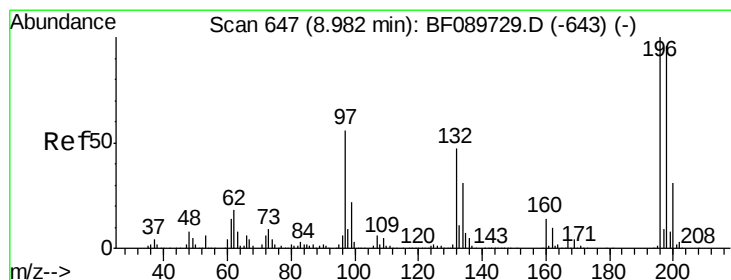
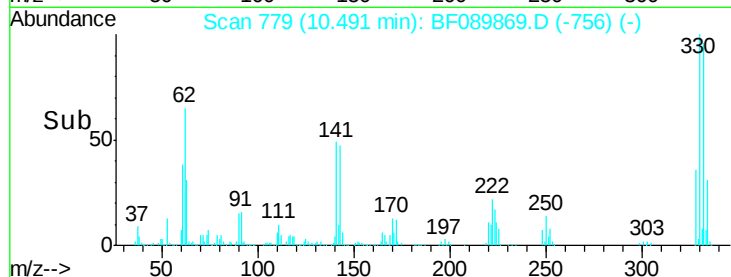
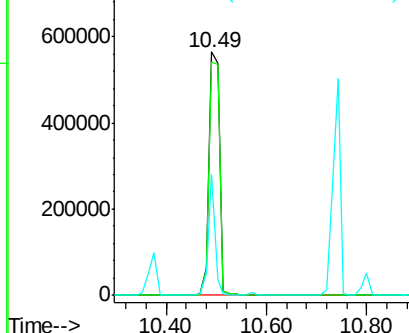
#41
 2,4,6-Tribromophenol
 Concen: 113.41 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 821803
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.7 115.1
 141 31.8 30.2 45.2

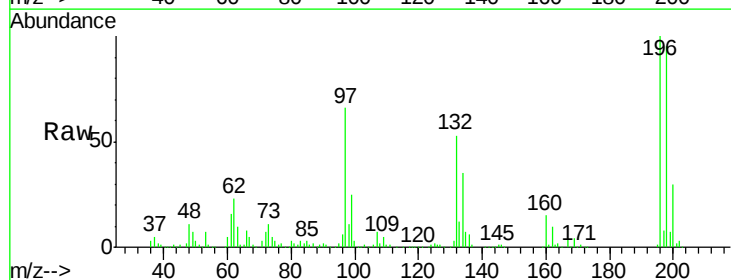


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

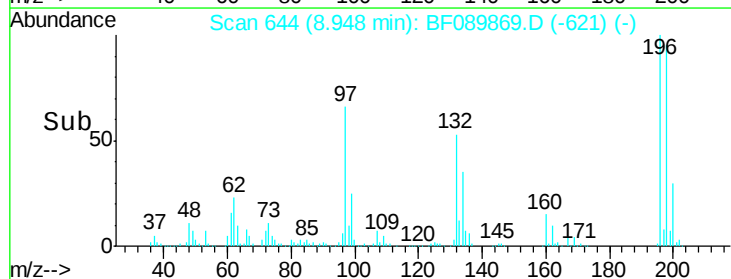
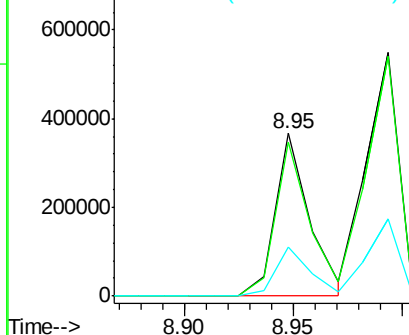


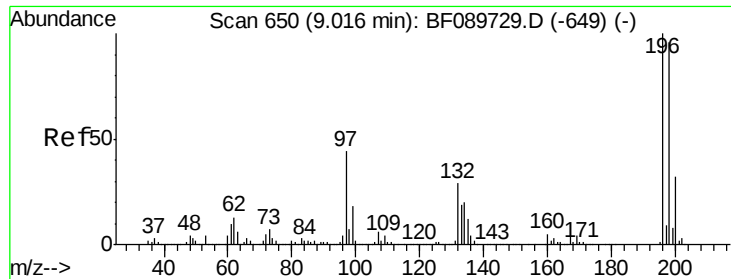
#42
 2,4,6-Trichlorophenol
 Concen: 26.09 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:196 Resp: 405849
 Ion Ratio Lower Upper
 196 100
 198 94.9 76.3 114.5
 200 29.9 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

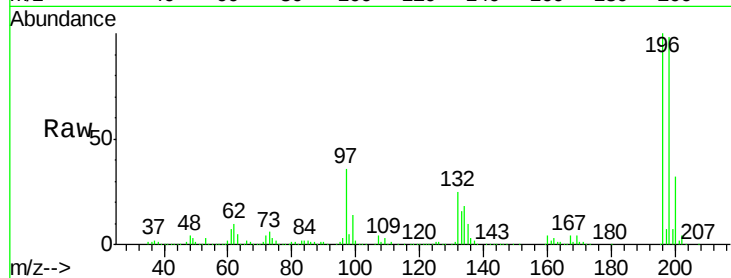




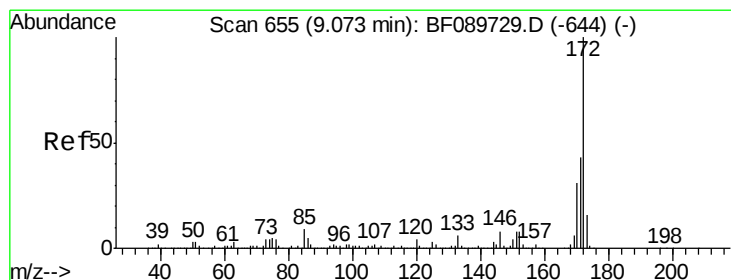
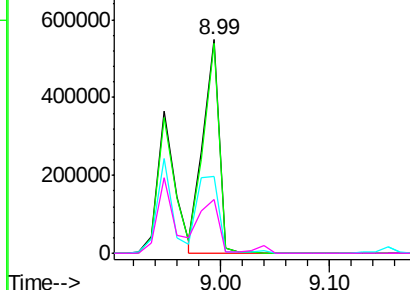
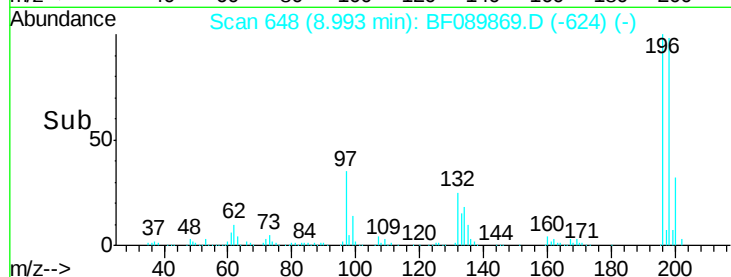
#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.02 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.6	114.8
97	35.8	35.8	53.8
132	25.1	23.5	35.3

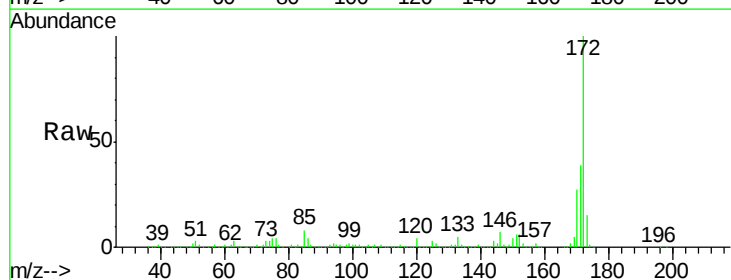


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

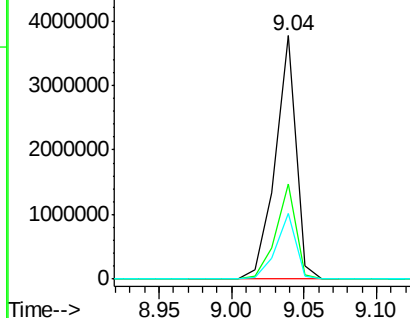
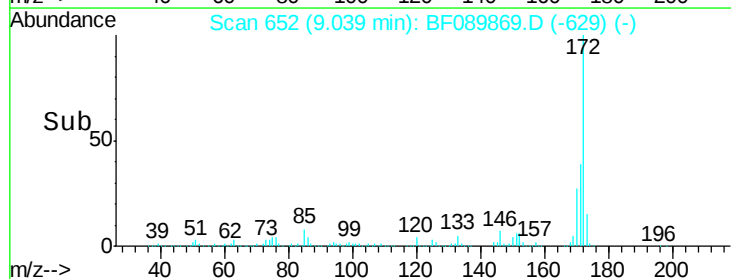


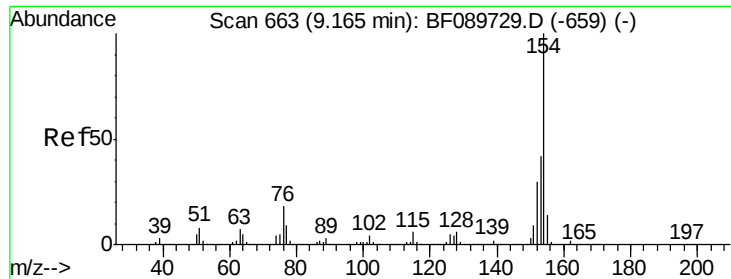
#44
 2-Fluorobiphenyl
 Concen: 80.57 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.3	30.5	45.7
170	27.0	20.6	31.0



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

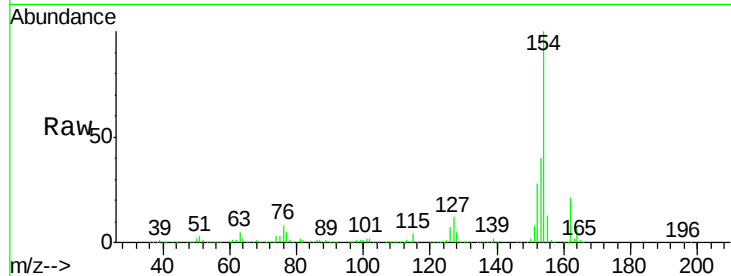




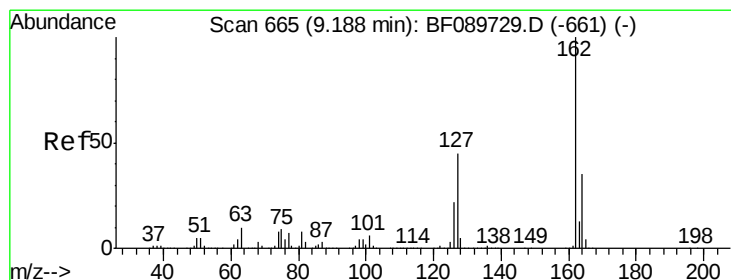
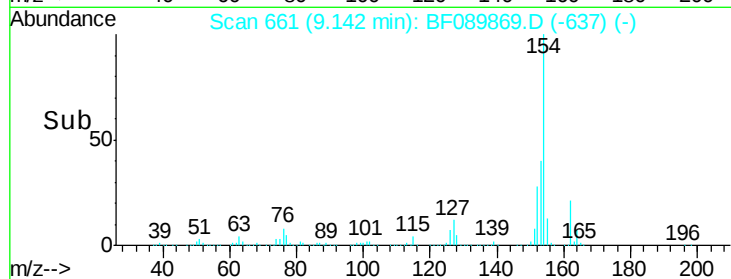
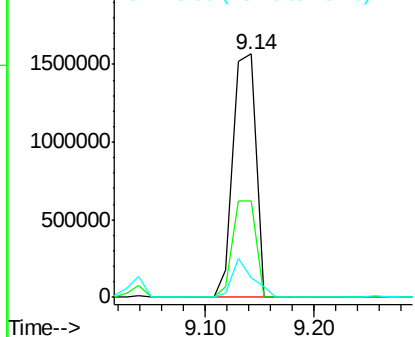
#45
 1,1'-Biphenyl
 Concen: 36.19 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 2245095
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.5 61.5
 76 8.2 0.0 36.7

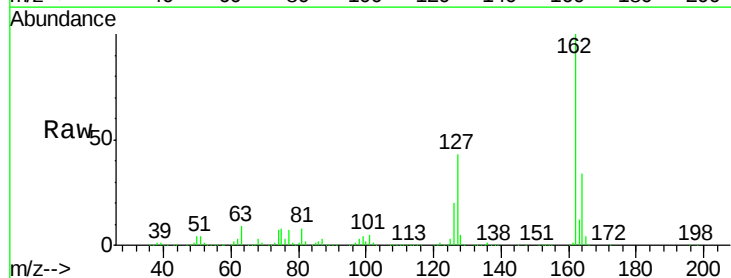


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

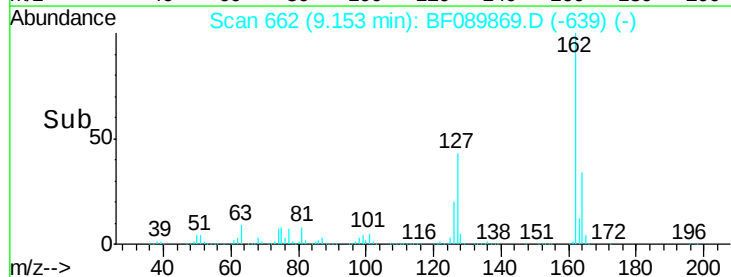
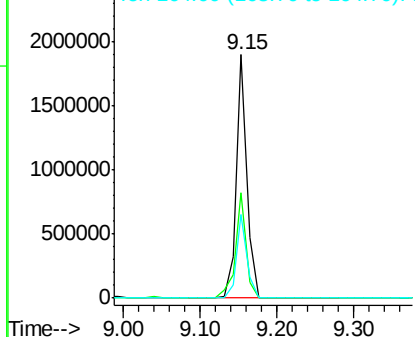


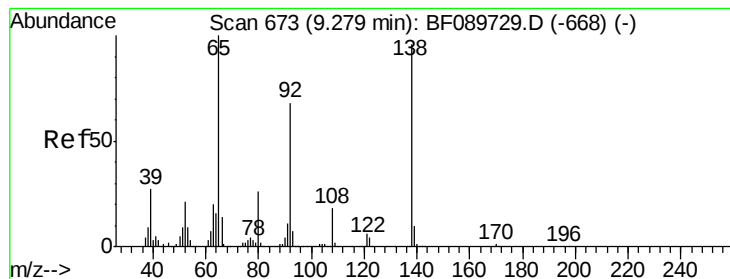
#46
 2-Chloronaphthalene
 Concen: 40.18 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:162 Resp: 1867606
 Ion Ratio Lower Upper
 162 100
 127 43.2 35.5 53.3
 164 34.3 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: 46.07 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

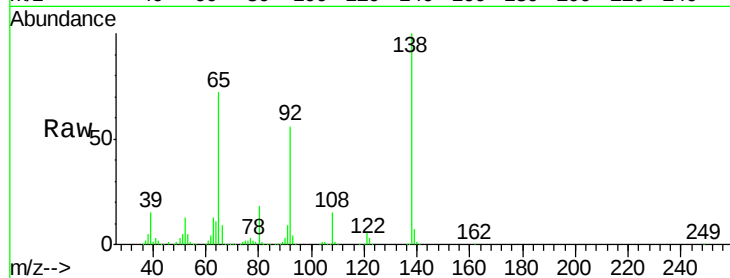
Tot Ion: 65 Resp: 652551

Ion Ratio Lower Upper

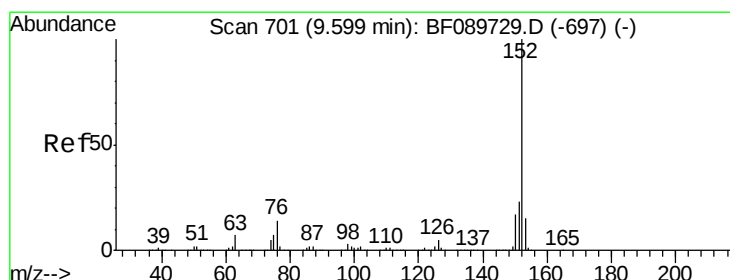
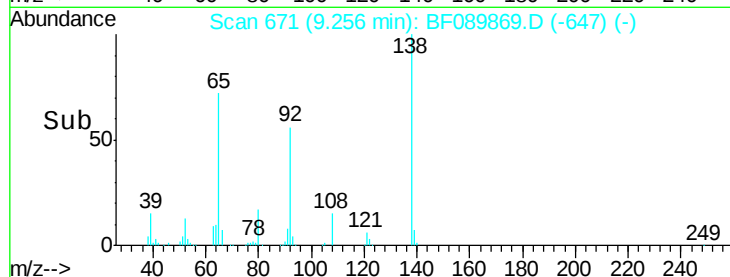
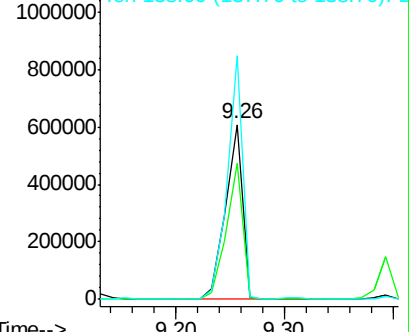
65 100

92 77.8 56.3 84.5

138 139.1 81.8 122.8#



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



#48

Acenaphthylene

Concen: 41.69 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

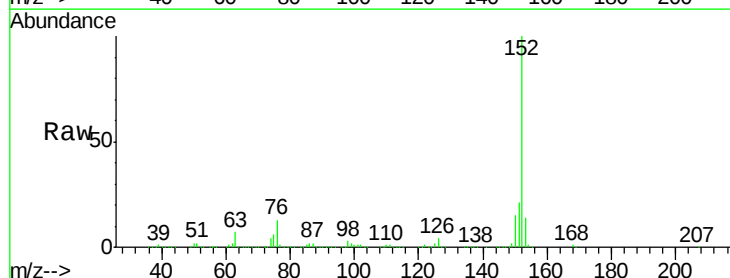
Tgt Ion:152 Resp: 2983242

Ion Ratio Lower Upper

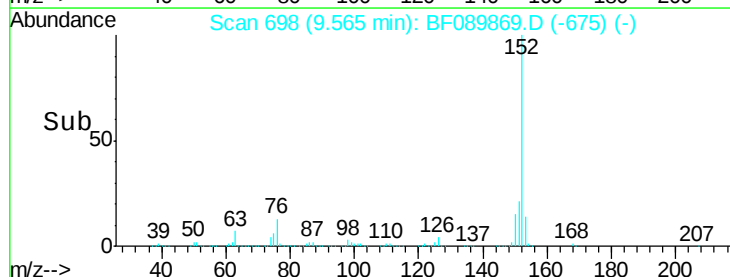
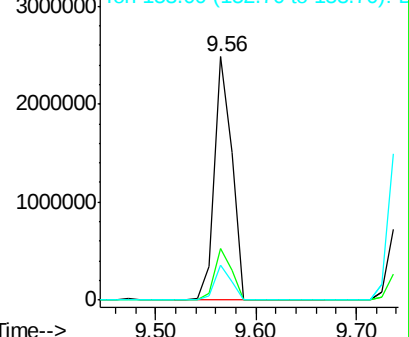
152 100

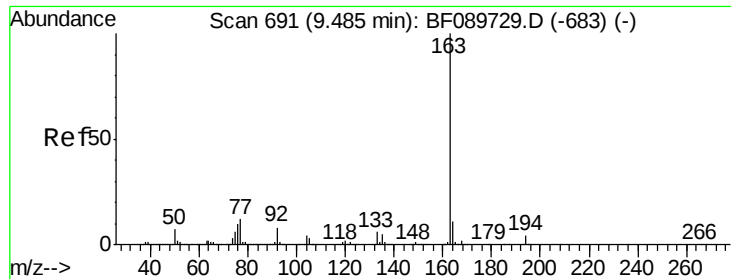
151 21.4 17.1 25.7

153 14.4 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: 65.54 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

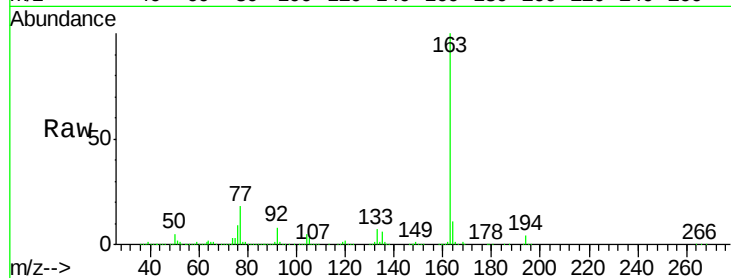
Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

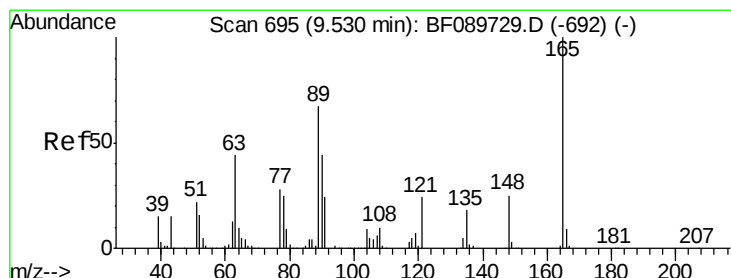
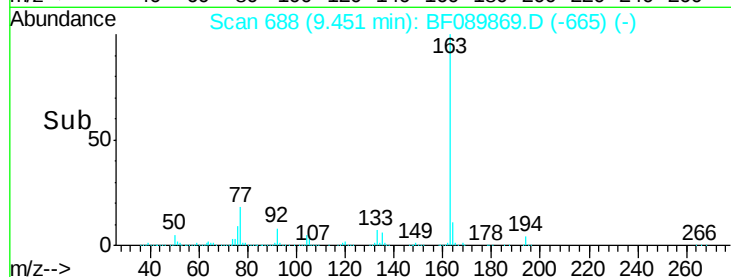
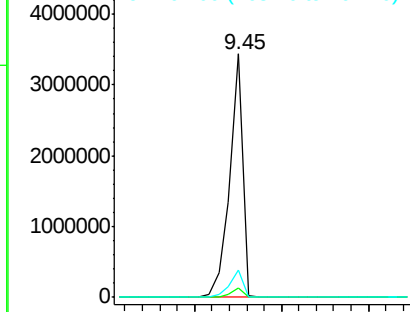
Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 3552208

Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	3.8#
164	11.1	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: 43.22 ng

RT: 9.51 min Scan# 693

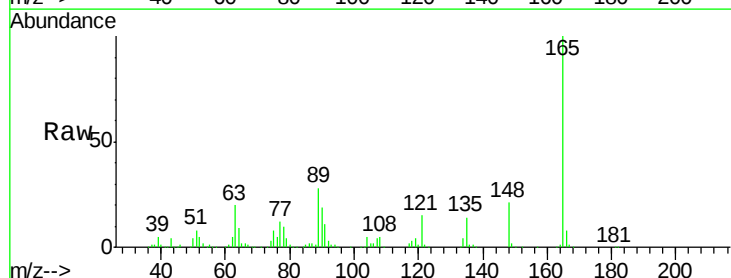
Delta R.T. -0.02 min

Lab File: BF089869.D

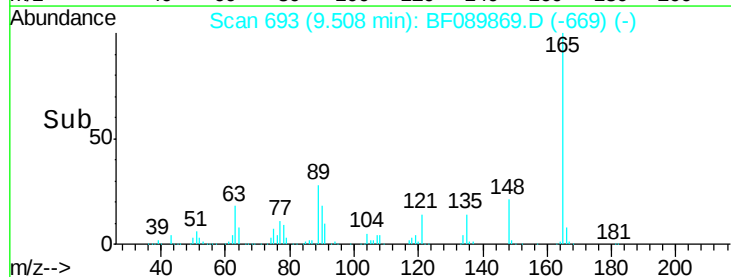
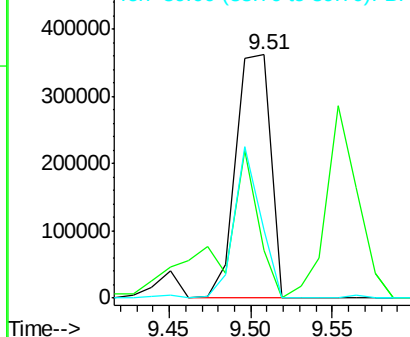
Acq: 24 Aug 2016 12:56

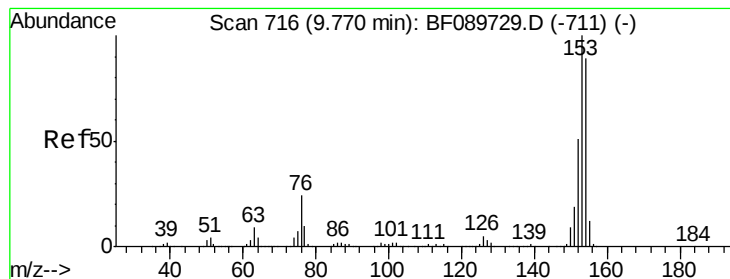
Tgt Ion:165 Resp: 530187

Ion	Ratio	Lower	Upper
165	100		
63	19.7	41.7	62.5#
89	28.1	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: 38.44 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

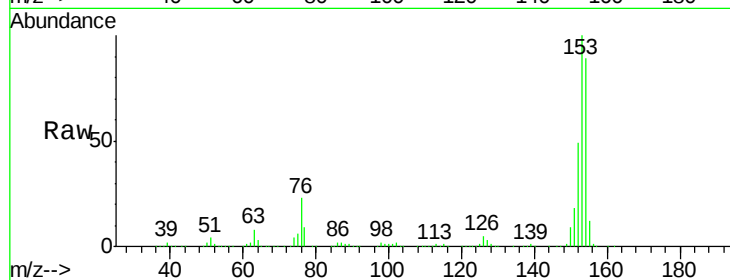
Tot Ion:154 Resp: 1856260

Ion Ratio Lower Upper

154 100

153 112.0 90.5 135.7

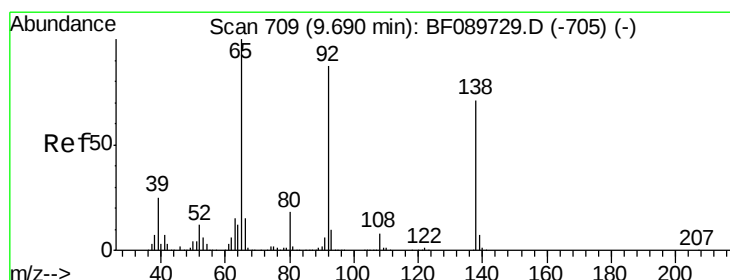
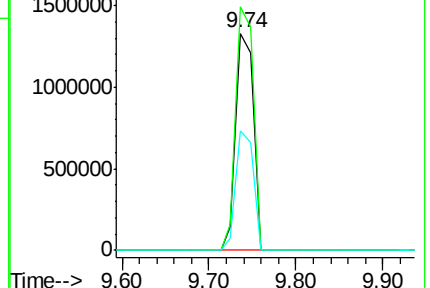
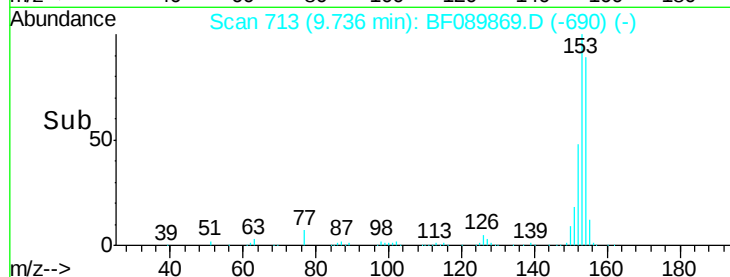
152 54.7 44.6 67.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.98 ng

RT: 9.67 min Scan# 707

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

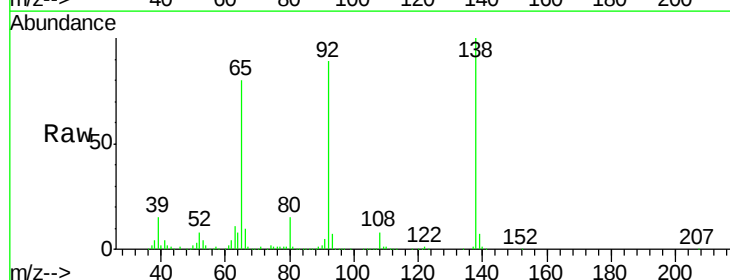
Tgt Ion:138 Resp: 570230

Ion Ratio Lower Upper

138 100

108 8.2 8.1 12.1

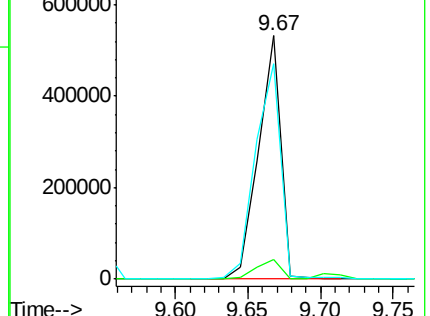
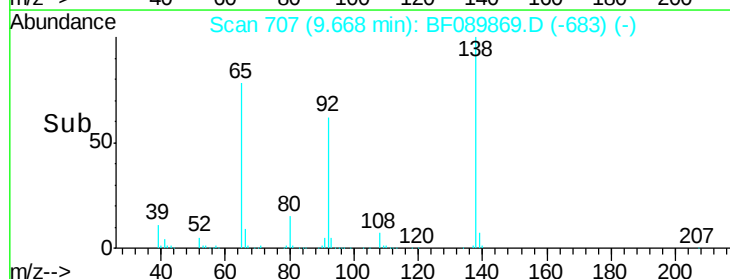
92 88.7 92.7 139.1#

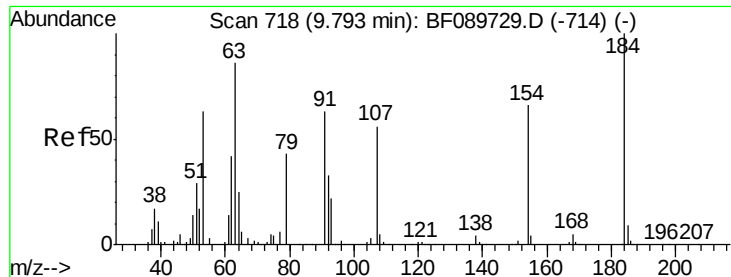


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

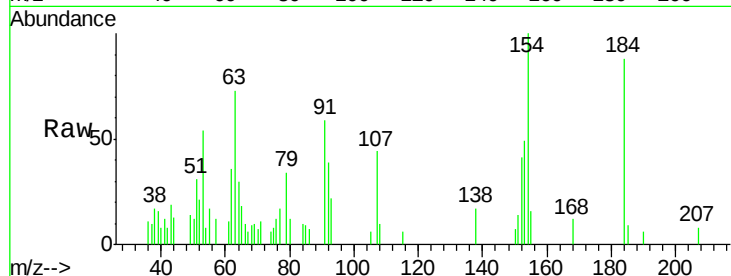




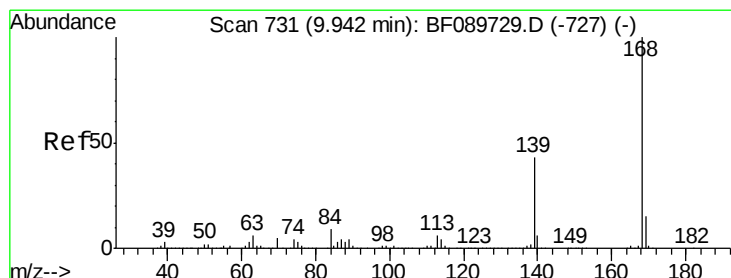
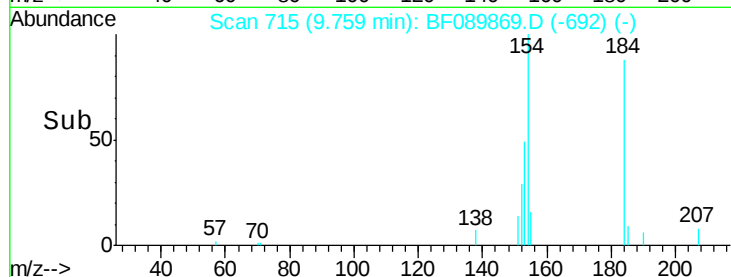
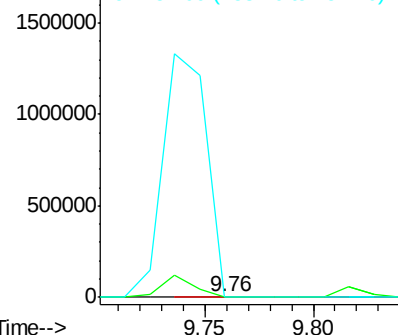
#53
 2,4-Dinitrophenol
 Concen: 2.72 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 5207
 Ion Ratio Lower Upper
 184 100
 63 82.2 54.2 81.4#
 154 113.2 52.7 79.1#

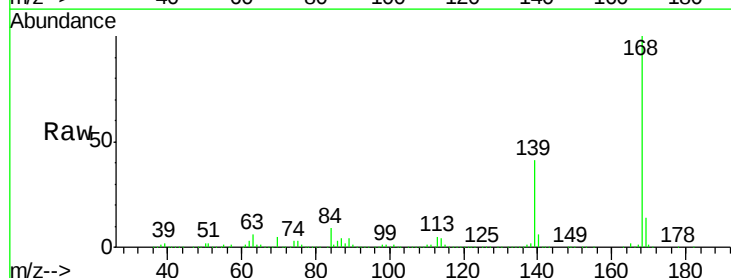


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

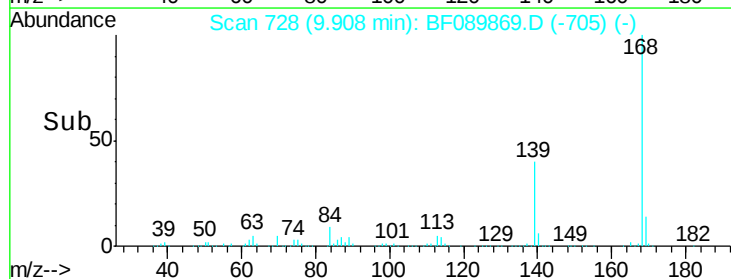
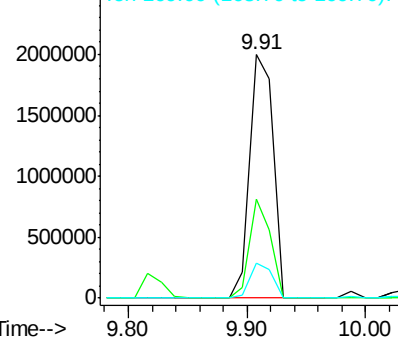


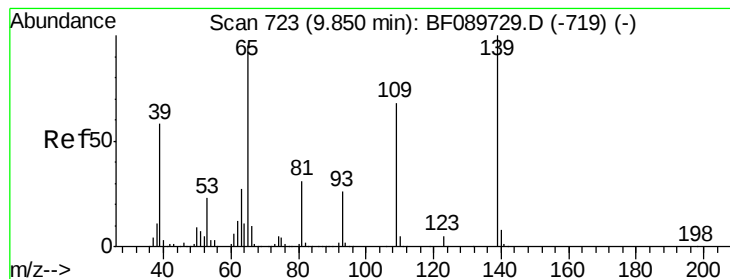
#54
 Dibenzofuran
 Concen: 46.43 ng
 RT: 9.91 min Scan# 728
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:168 Resp: 2759438
 Ion Ratio Lower Upper
 168 100
 139 40.6 34.6 52.0
 169 14.4 11.5 17.3



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





#55

4-Nitrophenol

Concen: 22.55 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

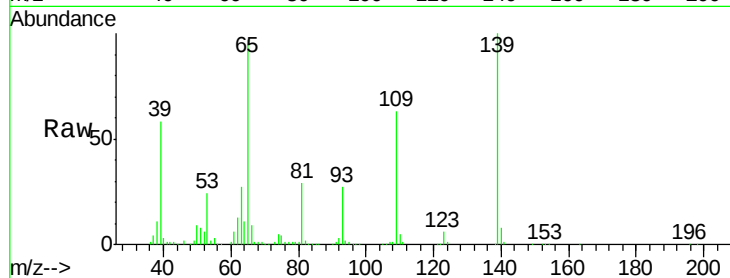
Tot Ion:139 Resp: 247384

Ion Ratio Lower Upper

139 100

109 62.7 43.0 83.0

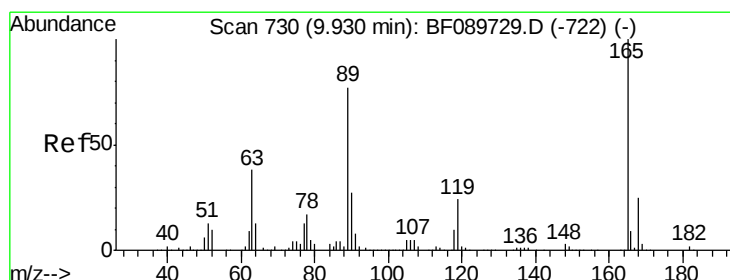
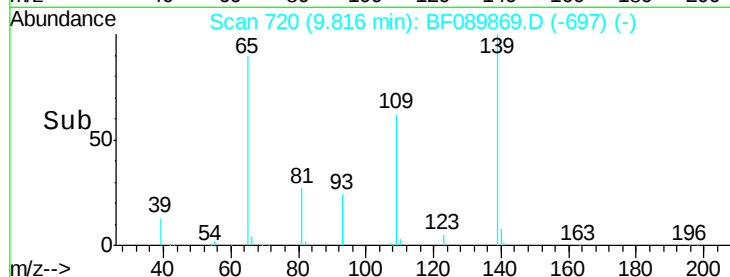
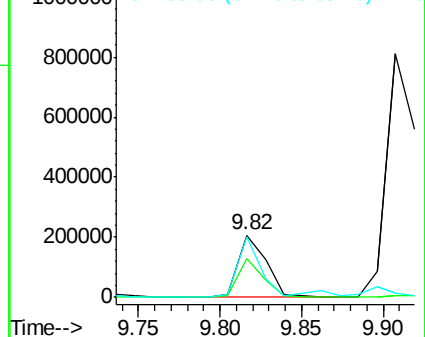
65 96.6 55.7 95.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 42.78 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Tgt Ion:165 Resp: 674582

Ion Ratio Lower Upper

165 100

63 40.8 23.7 35.5#

89 74.0 44.0 66.0#

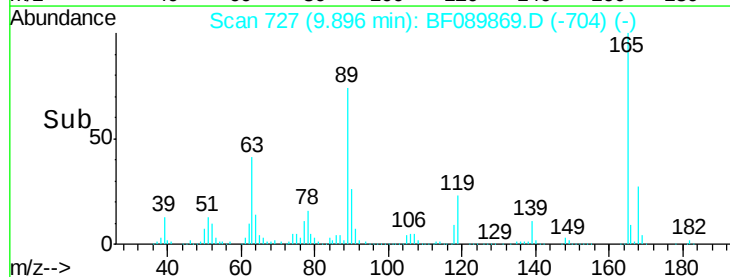
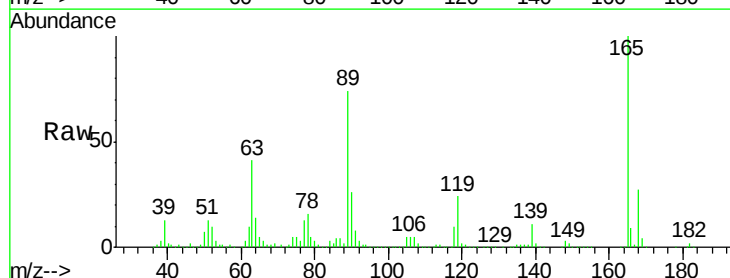
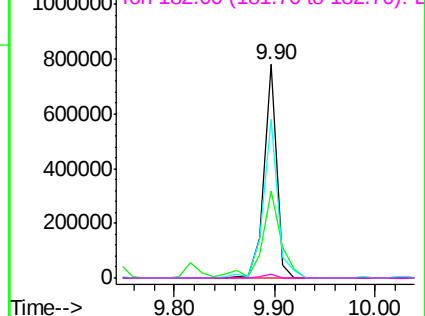
182 2.1 2.0 3.0

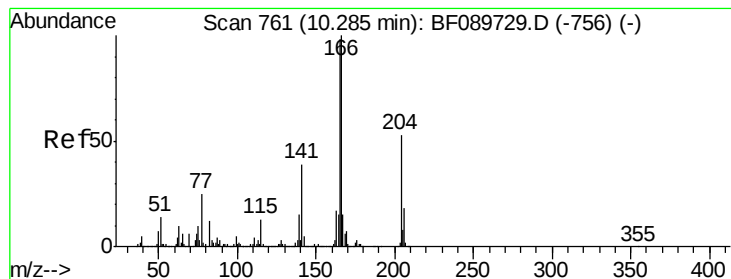
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.67 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

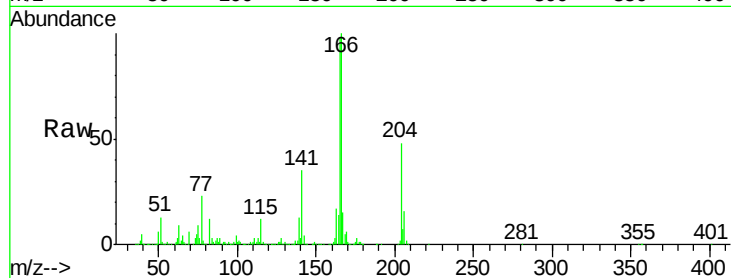
Tot Ion:166 Resp: 1904604

Ion Ratio Lower Upper

166 100

165 98.2 80.2 120.4

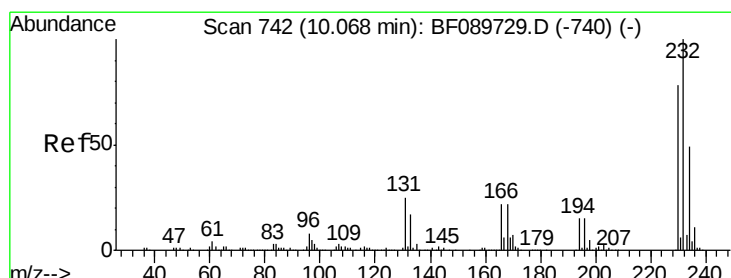
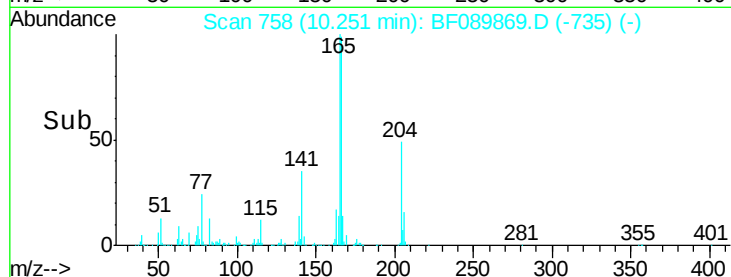
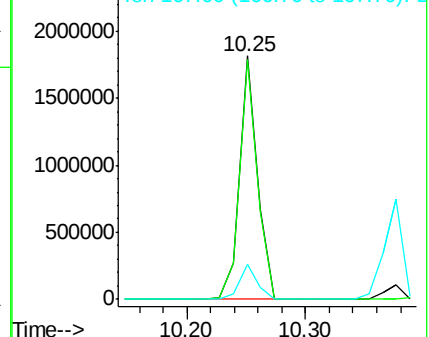
167 14.6 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.33 ng

RT: 10.03 min Scan# 739

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Tgt Ion:232 Resp: 235543

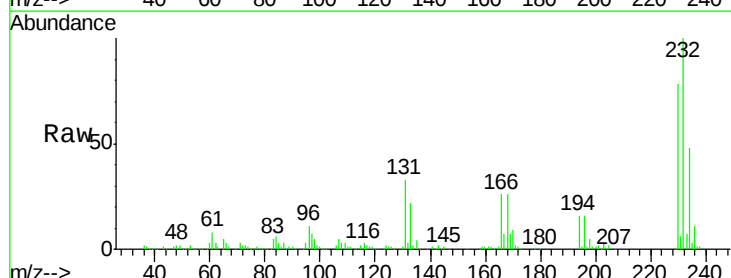
Ion Ratio Lower Upper

232 100

131 48.3 42.5 63.7

130 2.0 2.2 3.4#

166 32.0 27.3 40.9

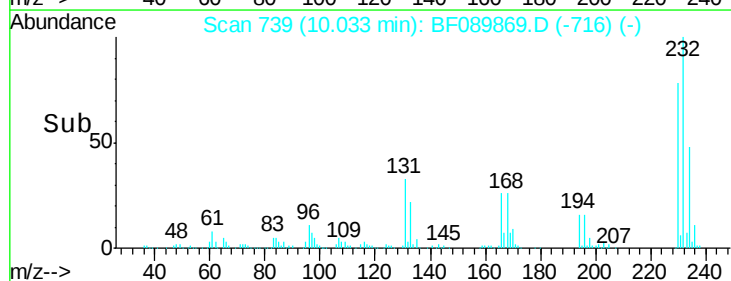
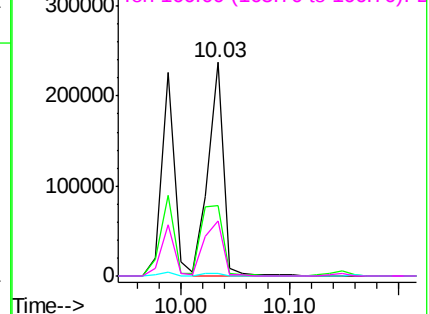


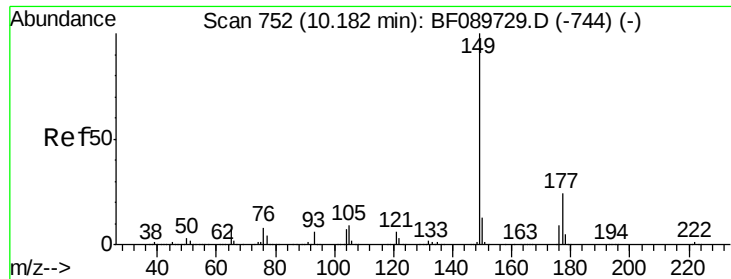
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

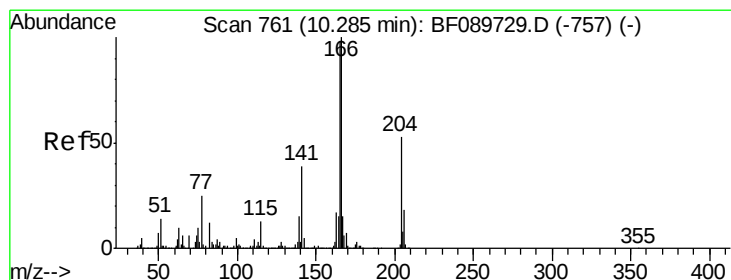
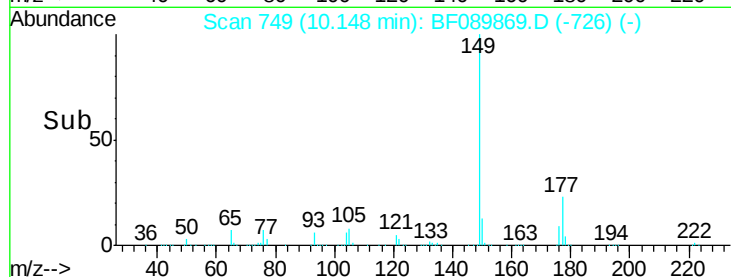
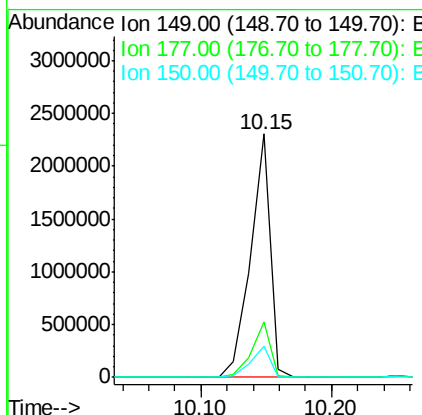
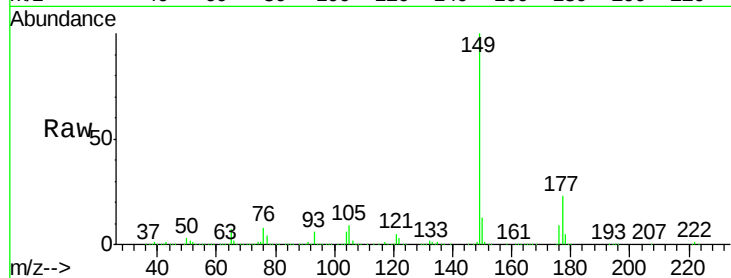




#59
Diethylphthalate
Concen: 44.09 ng
RT: 10.15 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

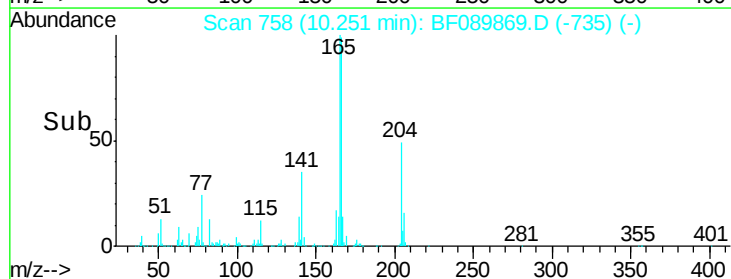
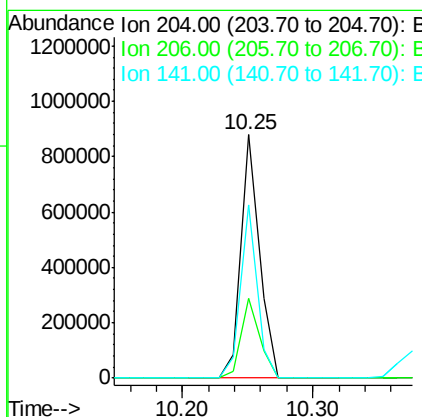
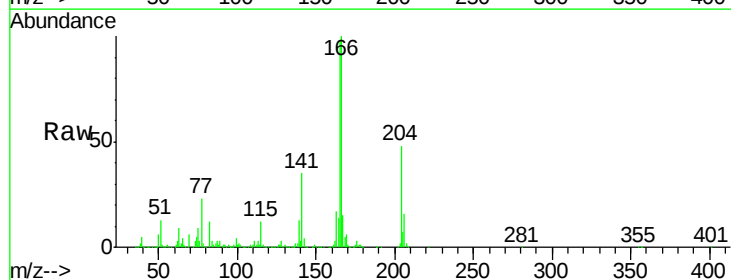
Instrument :
BNA_F
ClientSampled :

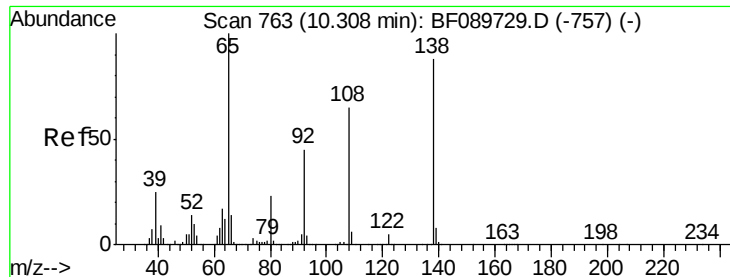
Tot Ion:149 Resp: 2422834
Ion Ratio Lower Upper
149 100
177 22.9 16.6 25.0
150 12.8 10.5 15.7



#60
4-Chlorophenyl-phenylether
Concen: 36.43 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:204 Resp: 858746
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 71.3 54.1 81.1

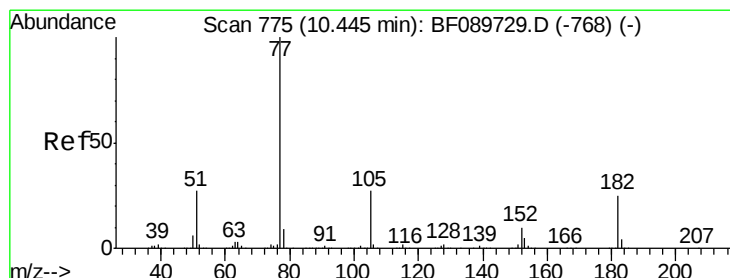
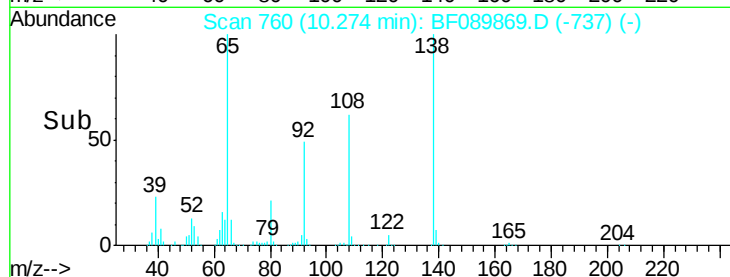
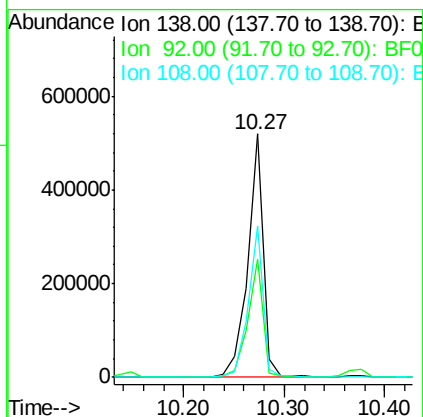
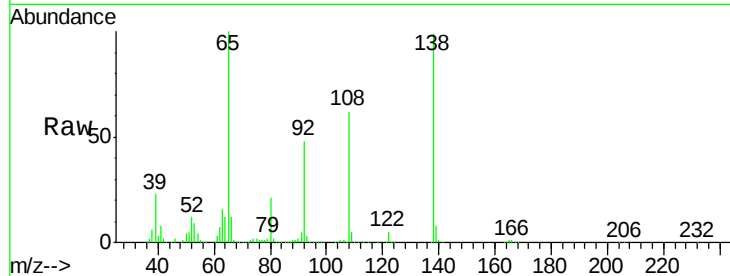




#61
4-Nitroaniline
Concen: 40.30 ng
RT: 10.27 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

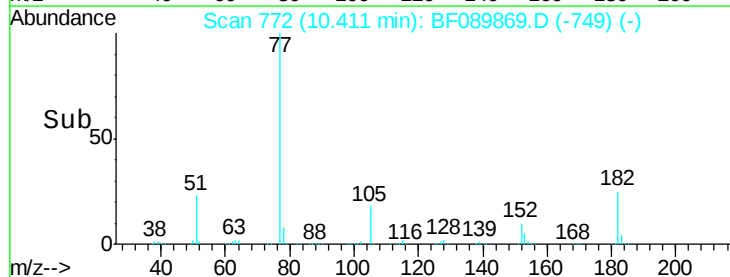
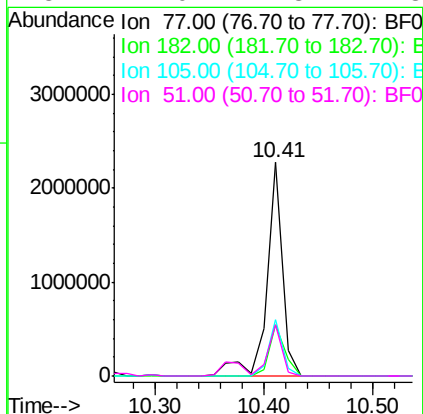
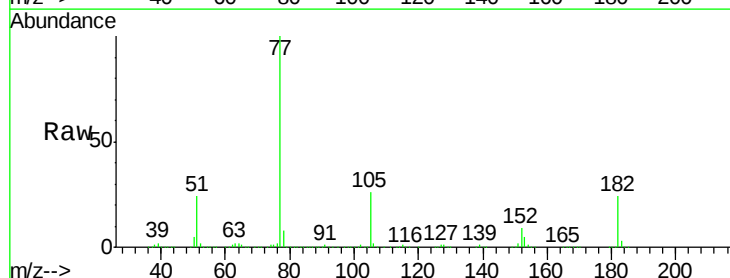
Instrument :
BNA_F
ClientSampleId :

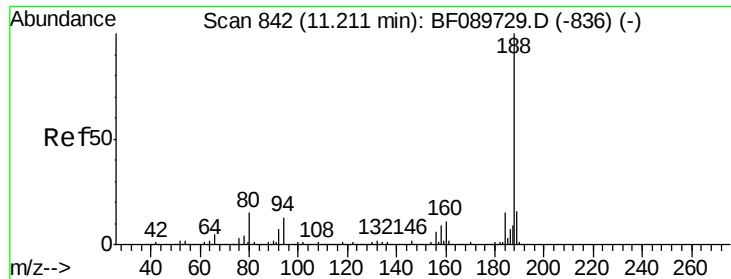
Tot Ion:138 Resp: 558067
Ion Ratio Lower Upper
138 100
92 48.7 26.4 66.4
108 62.3 47.0 87.0



#62
Azobenzene
Concen: 44.58 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion: 77 Resp: 2314876
Ion Ratio Lower Upper
77 100
182 23.9 5.6 45.6
105 26.1 4.0 44.0
51 24.0 7.8 47.8

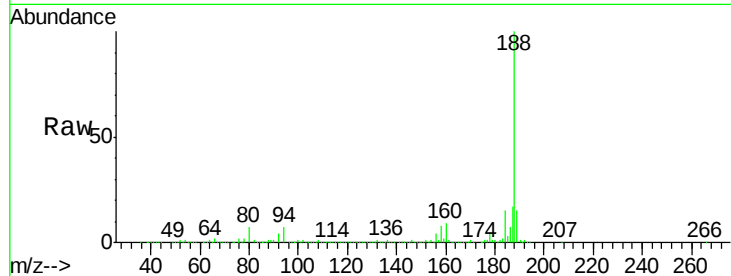




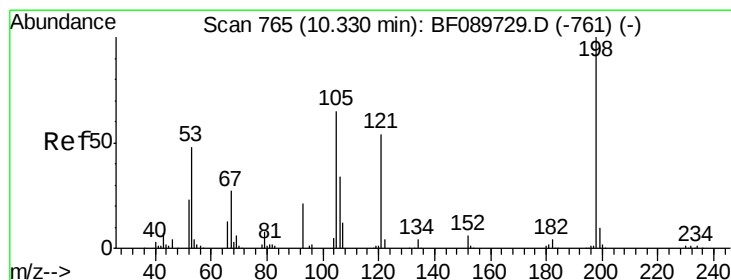
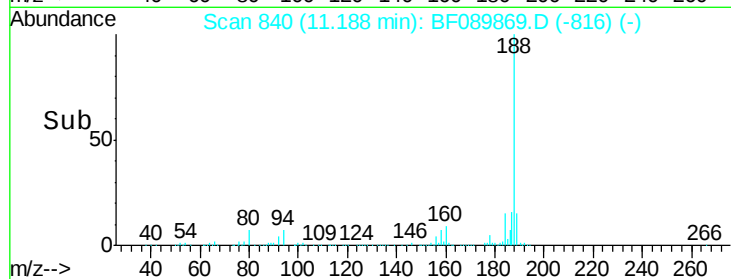
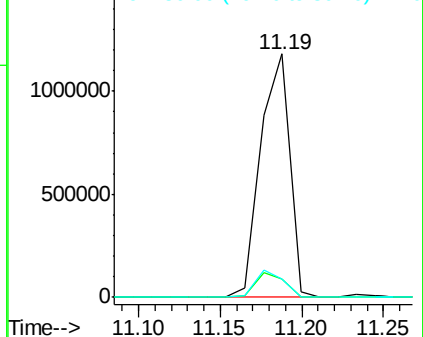
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 1470430
Ion Ratio Lower Upper
188 100
94 7.4 10.2 15.2#
80 7.4 10.9 16.3#

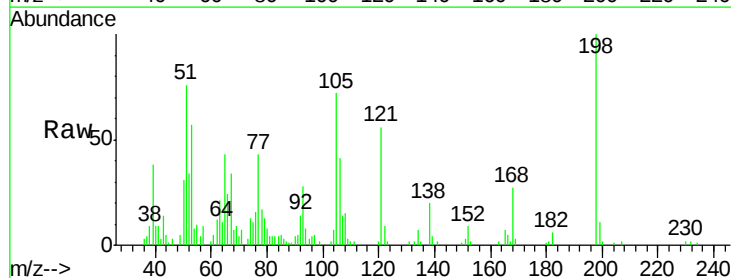


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

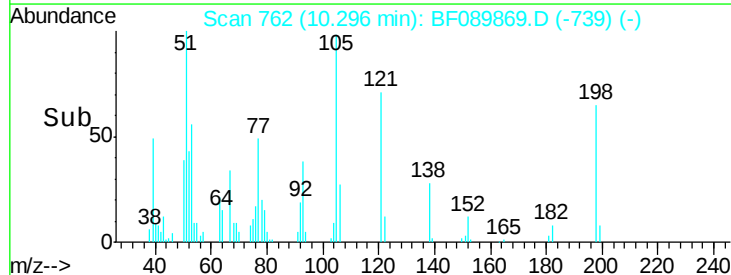
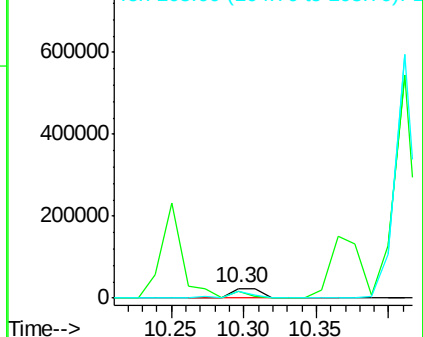


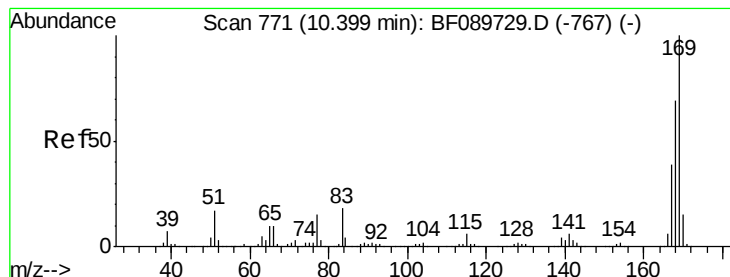
#64
4,6-Dinitro-2-methylphenol
Concen: 4.01 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:198 Resp: 34198
Ion Ratio Lower Upper
198 100
51 76.0 32.3 72.3#
105 72.3 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

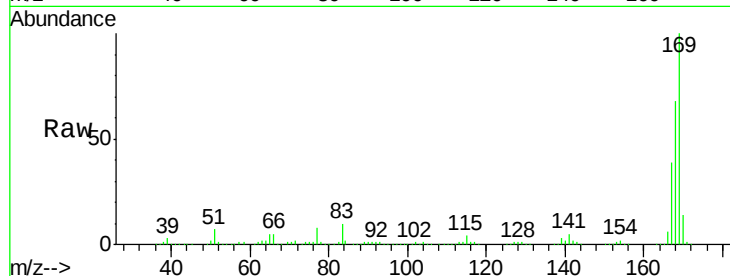




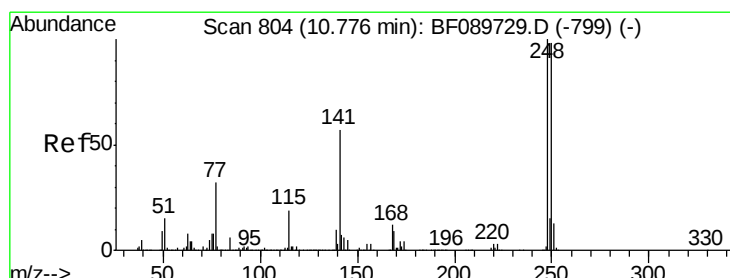
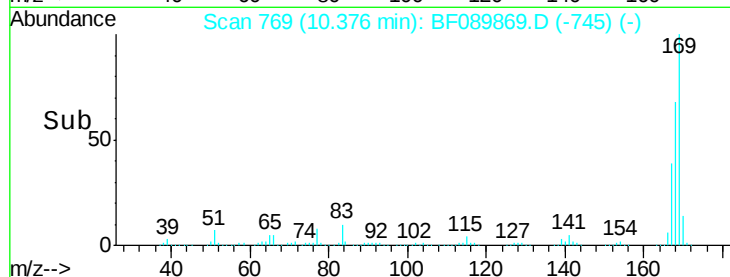
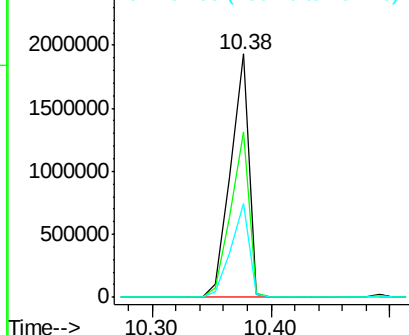
#65
 n-Nitrosodiphenylamine
 Concen: 44.88 ng
 RT: 10.38 min Scan# 769
 Delta R.T. -0.02 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 2070936
 Ion Ratio Lower Upper
 169 100
 168 68.0 54.6 82.0
 167 38.5 30.6 45.8

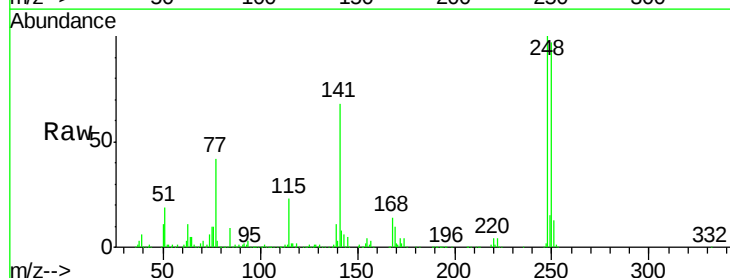


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

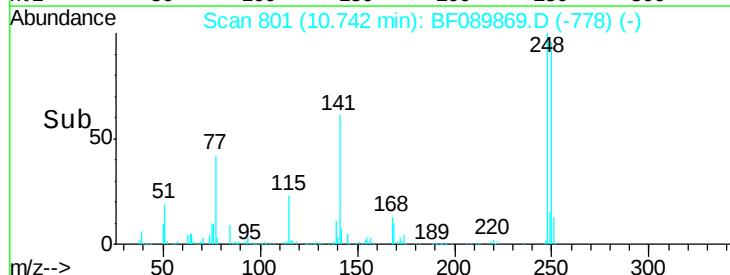
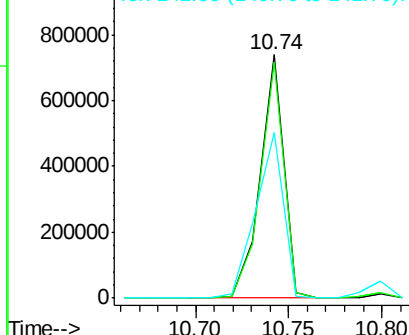


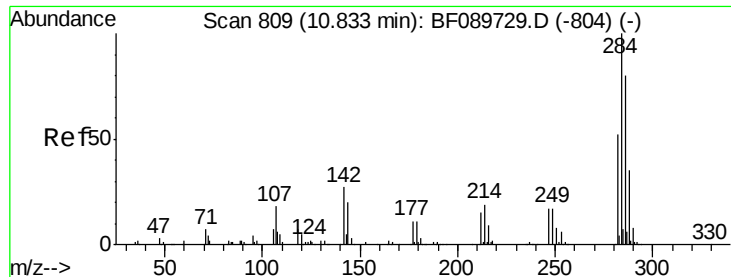
#66
 4-Bromophenyl-phenylether
 Concen: 42.23 ng
 RT: 10.74 min Scan# 801
 Delta R.T. -0.03 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:248 Resp: 643129
 Ion Ratio Lower Upper
 248 100
 250 97.0 78.6 117.8
 141 67.8 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

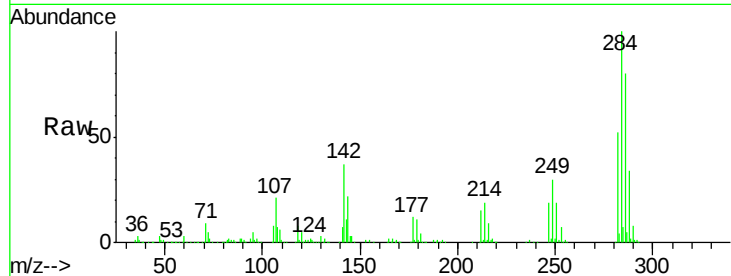




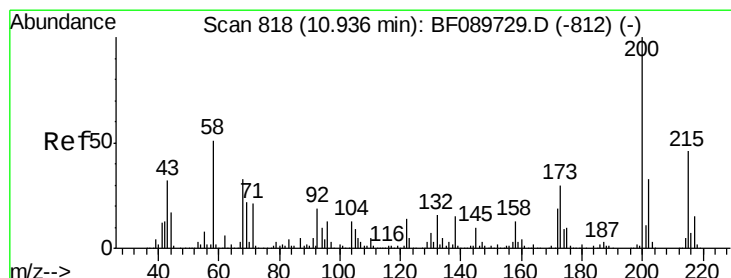
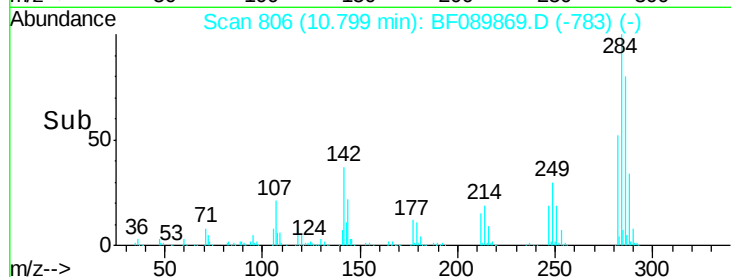
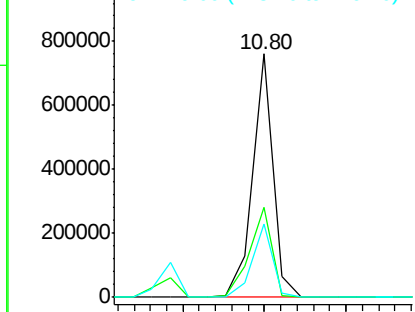
#67
Hexachlorobenzene
Concen: 38.87 ng
RT: 10.80 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	36.8	17.4	26.2
249	30.0	22.8	34.2

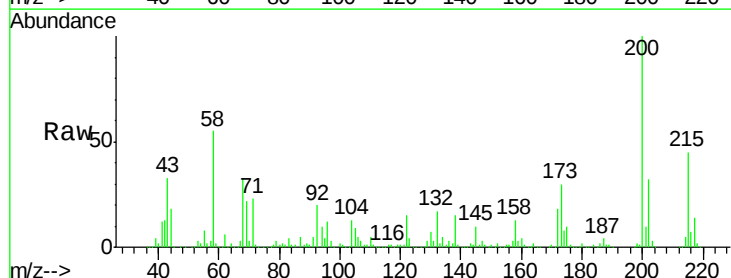


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

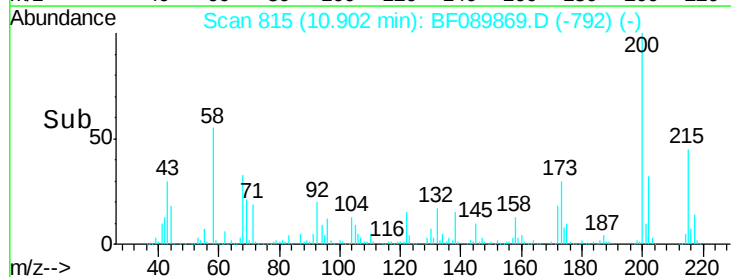
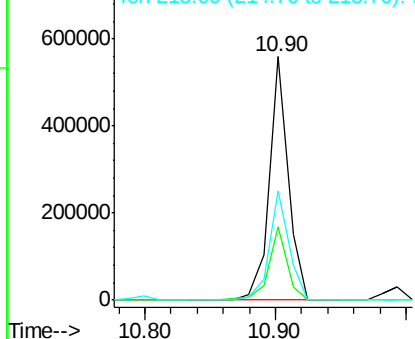


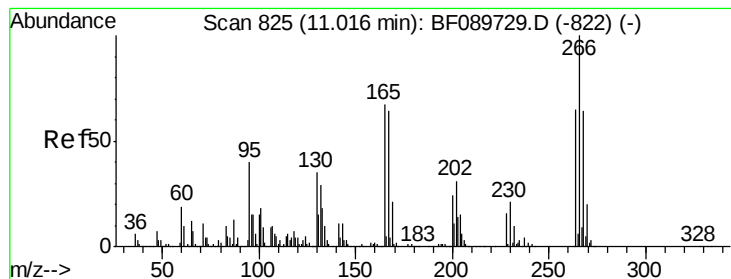
#68
Atrazine
Concen: 40.72 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.2	6.6	46.6
215	45.1	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: 18.03 ng

RT: 10.99 min Scan# 823

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

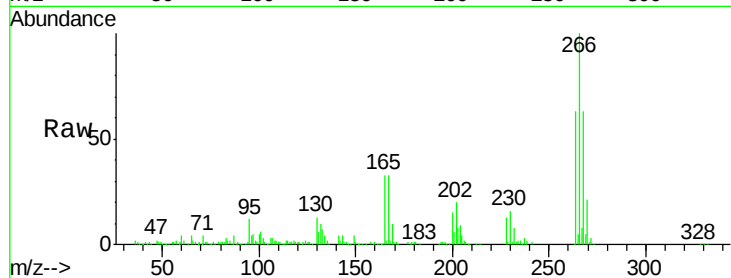
Tot Ion:266 Resp: 190156

Ion Ratio Lower Upper

266 100

268 63.5 53.2 79.8

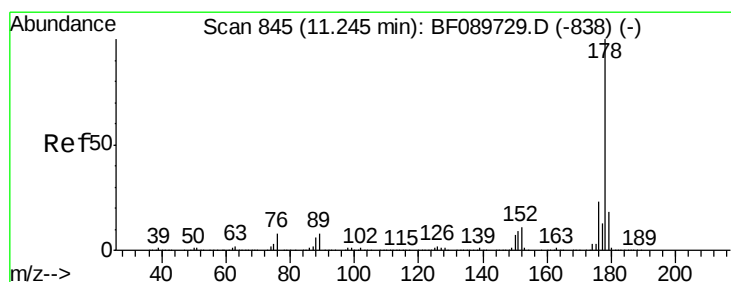
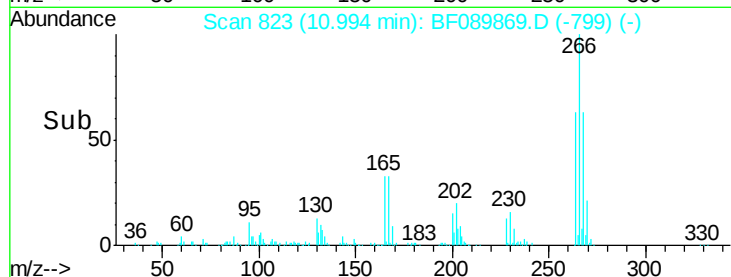
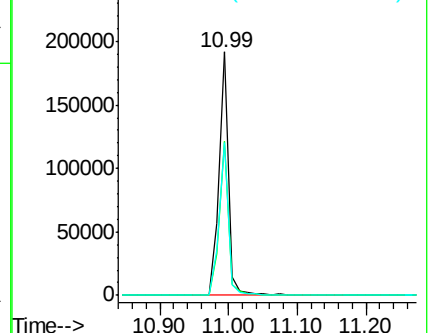
264 62.8 51.1 76.7



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 44.71 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

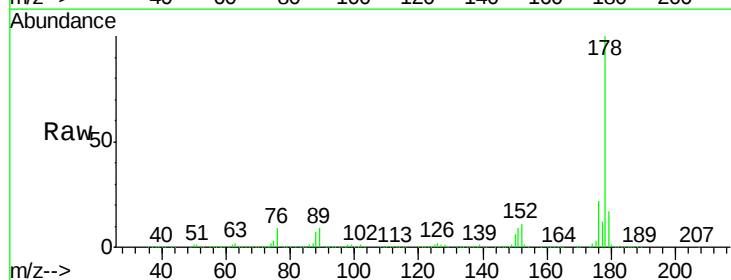
Tgt Ion:178 Resp: 3231427

Ion Ratio Lower Upper

178 100

176 21.8 16.4 24.6

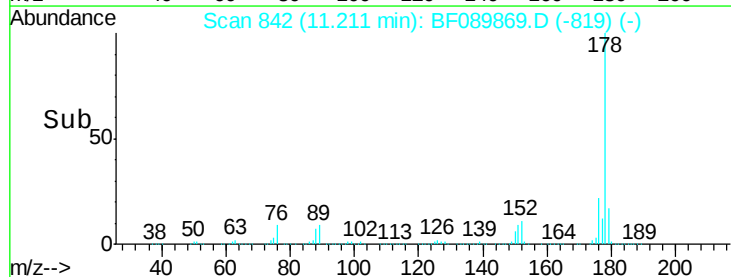
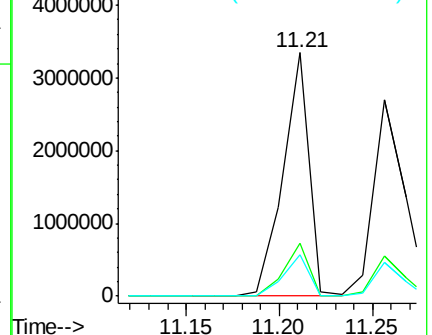
179 17.0 12.5 18.7

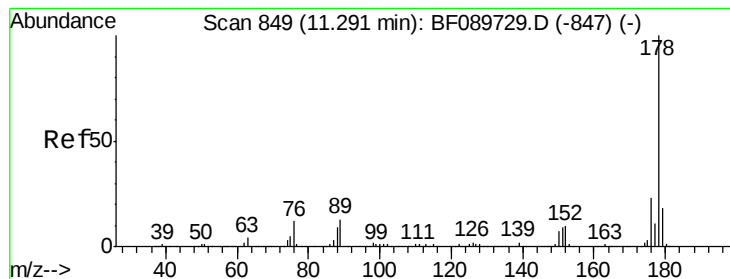


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.69 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

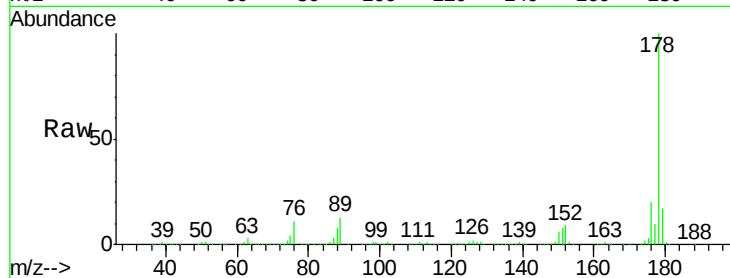
Tot Ion:178 Resp: 2997258

Ion Ratio Lower Upper

178 100

176 20.3 16.4 24.6

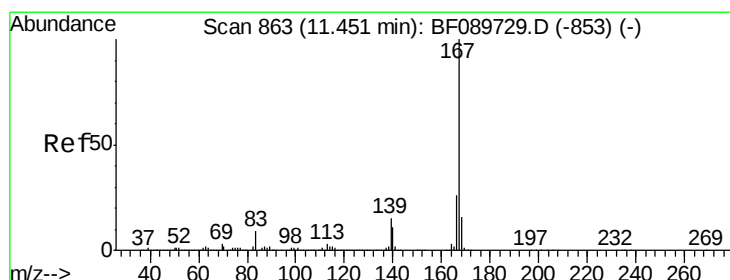
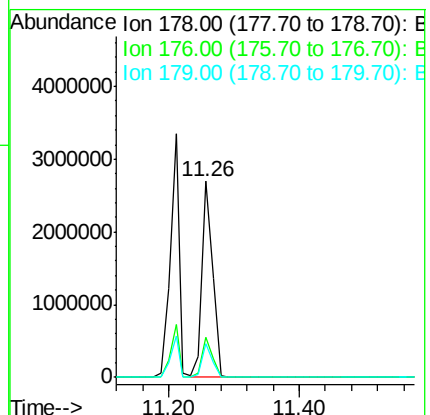
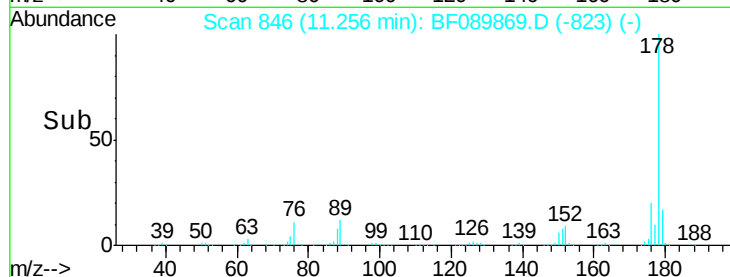
179 16.9 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.12 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

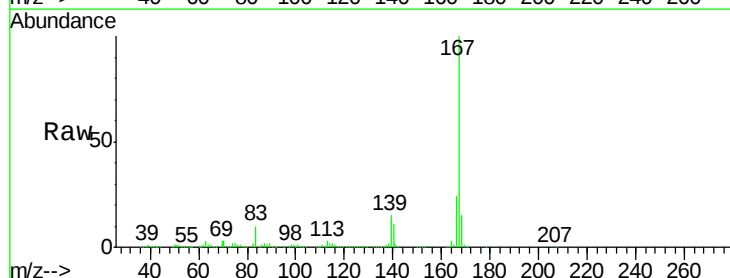
Tgt Ion:167 Resp: 2870715

Ion Ratio Lower Upper

167 100

166 23.6 17.9 26.9

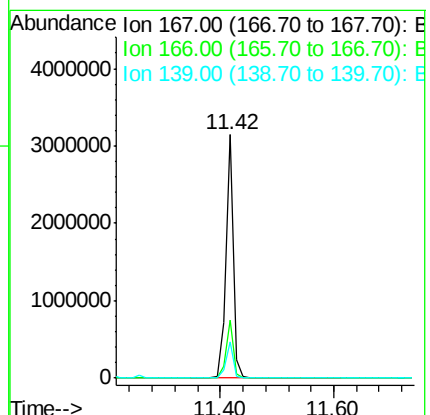
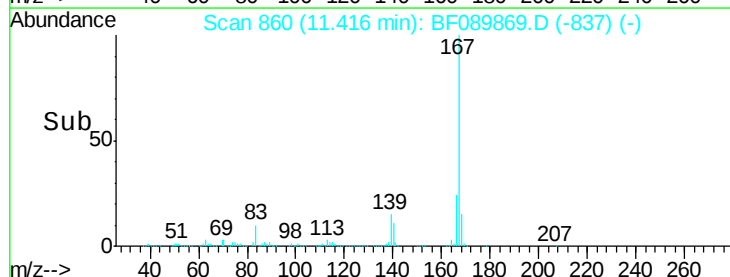
139 14.7 12.4 18.6

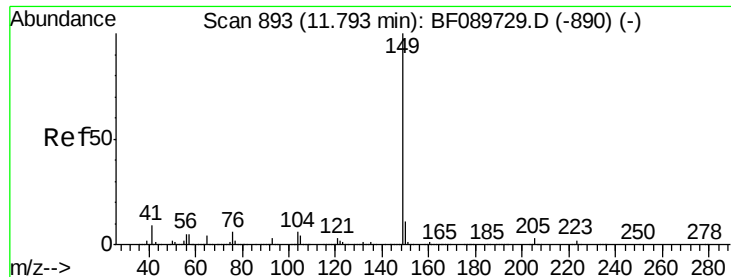


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.12 ng

RT: 11.77 min Scan# 891

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampled :

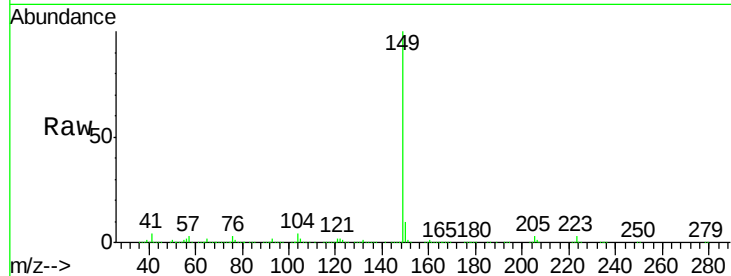
Tot Ion:149 Resp: 3751993

Ion Ratio Lower Upper

149 100

150 10.3 7.9 11.9

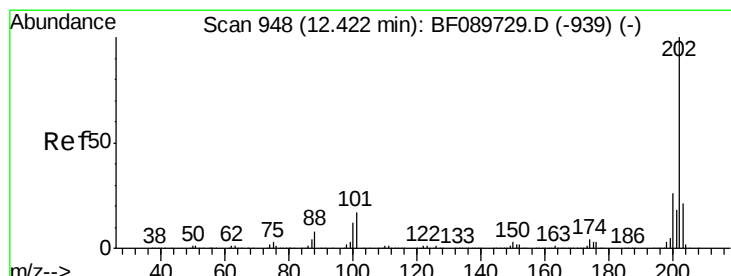
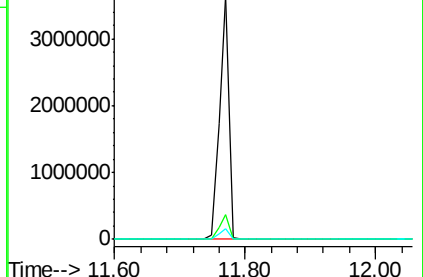
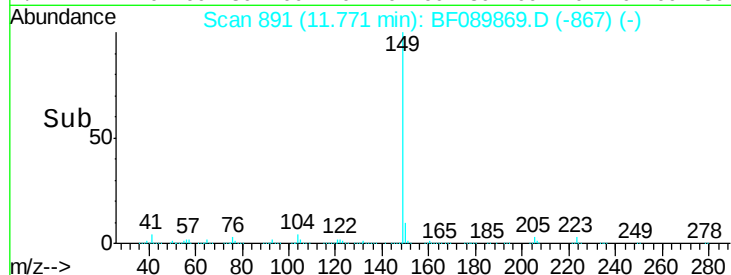
104 4.1 4.3 6.5#



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: 42.44 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

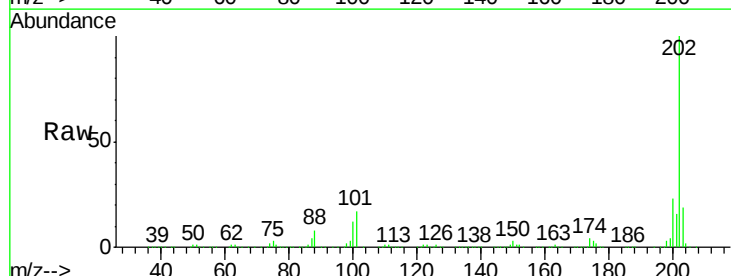
Tgt Ion:202 Resp: 3082103

Ion Ratio Lower Upper

202 100

101 16.7 0.0 31.2

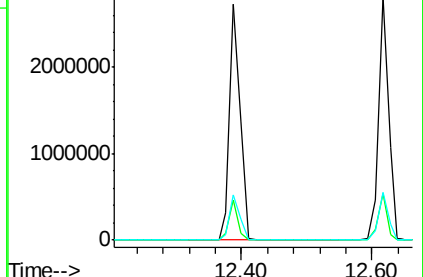
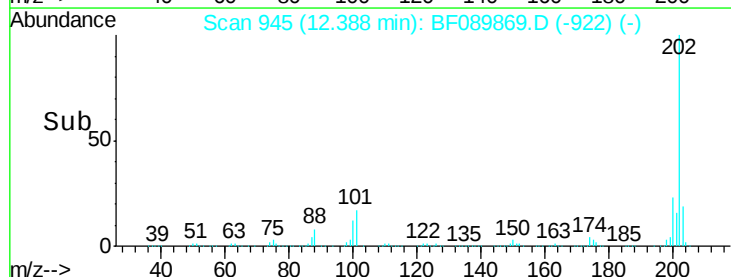
203 19.1 0.0 38.1

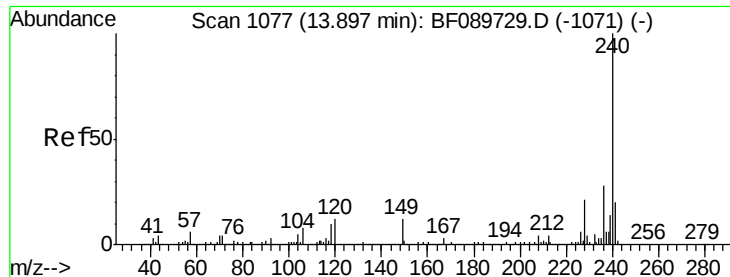


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

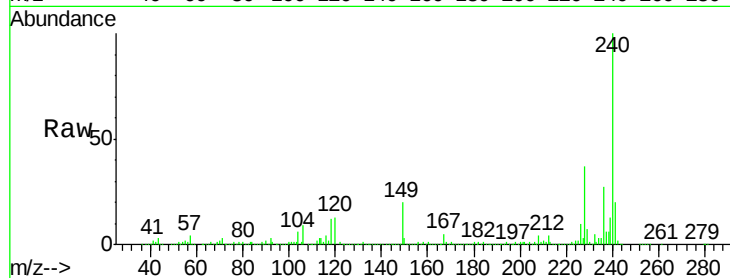
Tot Ion:240 Resp: 1167438

Ion Ratio Lower Upper

240 100

120 13.3 8.3 12.5#

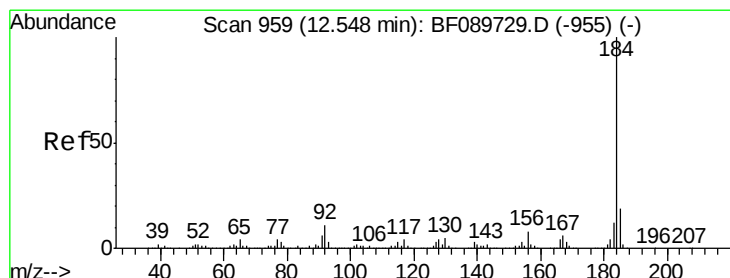
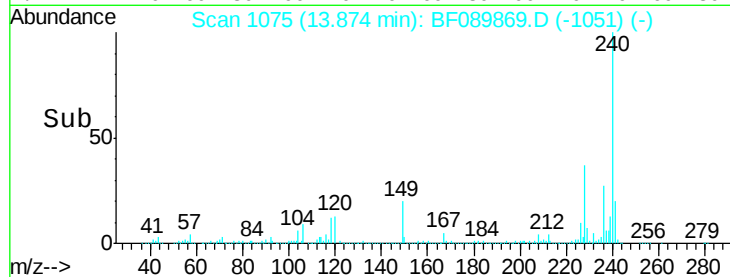
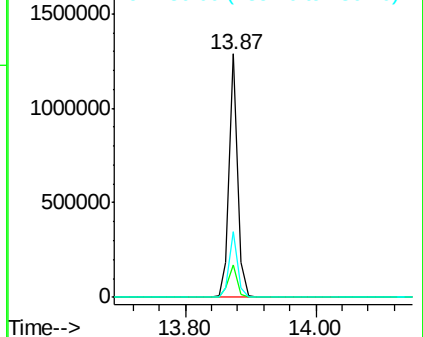
236 27.1 21.3 31.9



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: 33.08 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

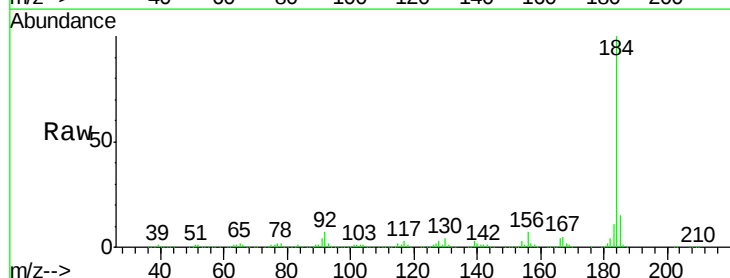
Tgt Ion:184 Resp: 1386296

Ion Ratio Lower Upper

184 100

185 15.3 13.8 20.8

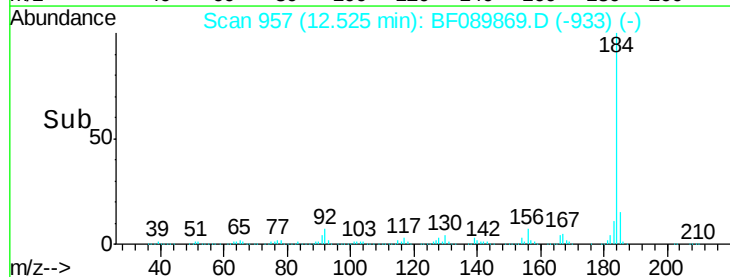
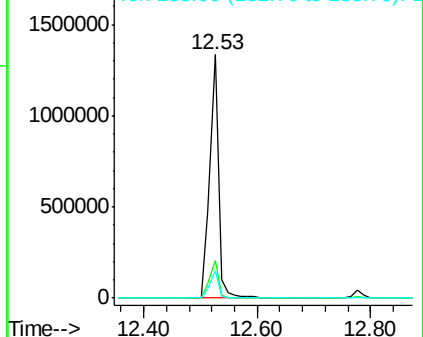
183 11.4 9.7 14.5

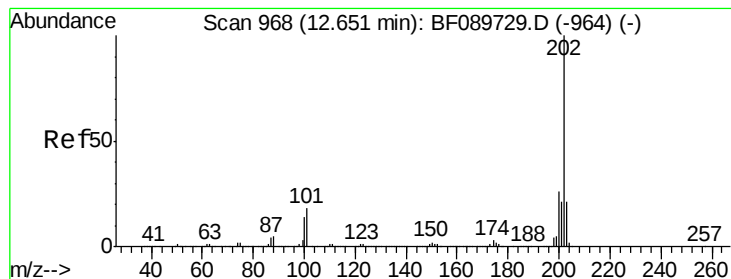


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.41 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

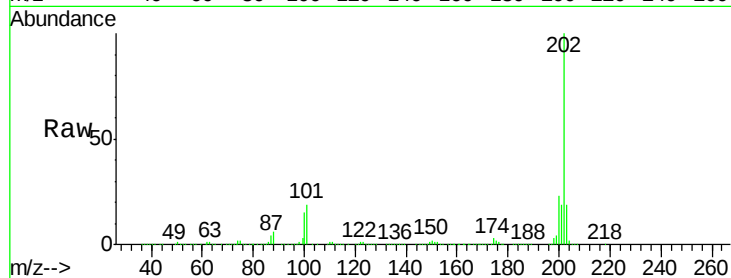
Tot Ion:202 Resp: 3010795

Ion Ratio Lower Upper

202 100

200 23.2 17.8 26.6

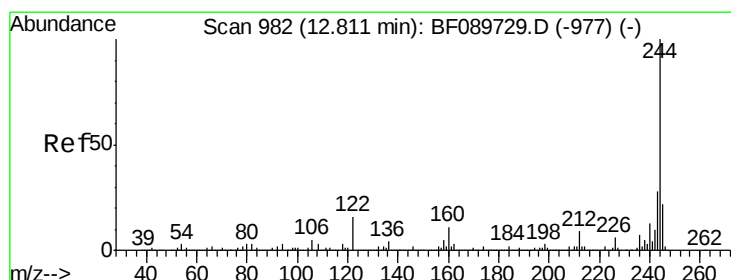
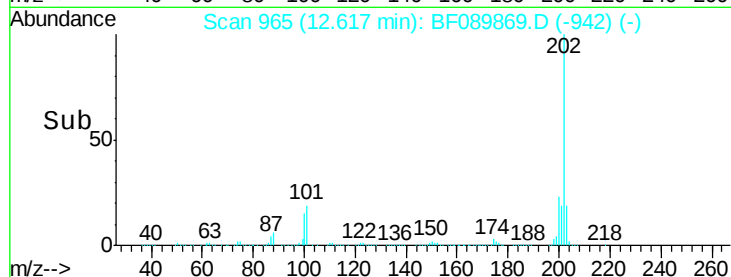
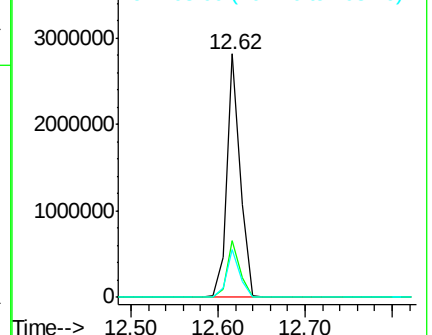
203 19.4 14.2 21.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 91.26 ng

RT: 12.78 min Scan# 979

Delta R.T. -0.03 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

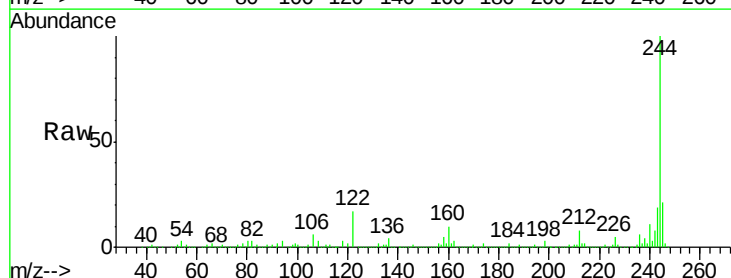
Tgt Ion:244 Resp: 3566204

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

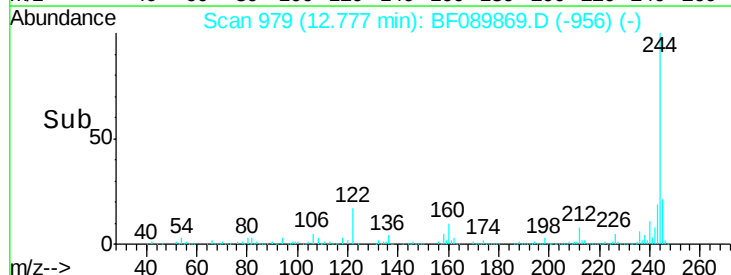
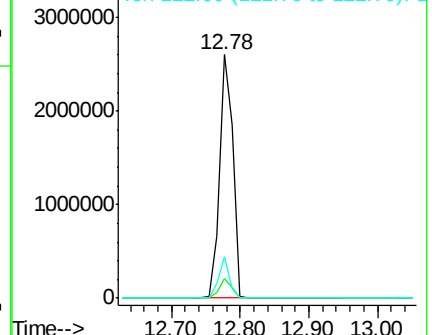
122 16.8 12.0 18.0

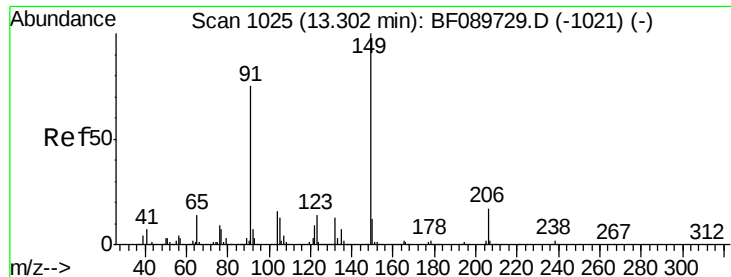


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

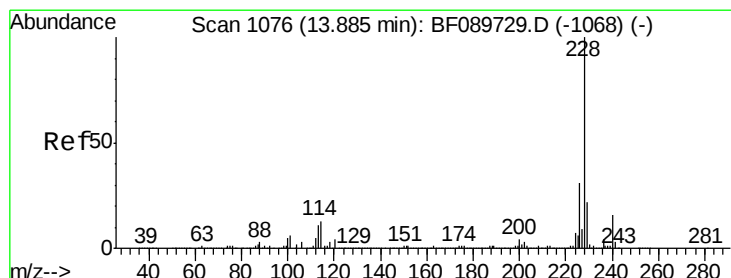
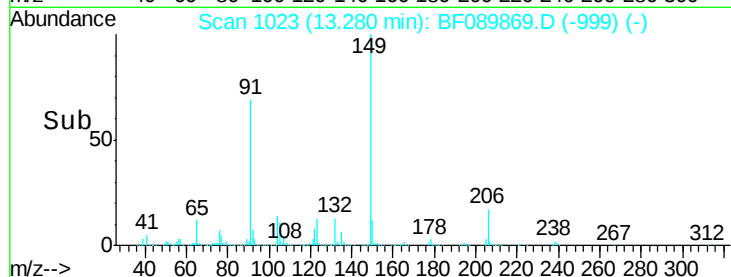
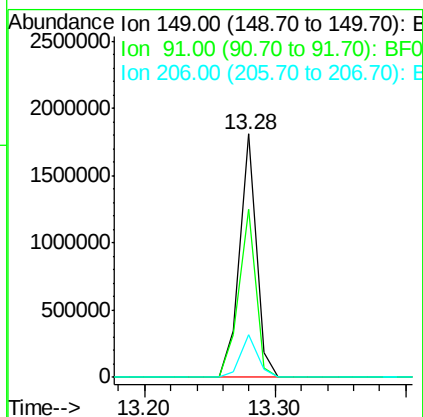
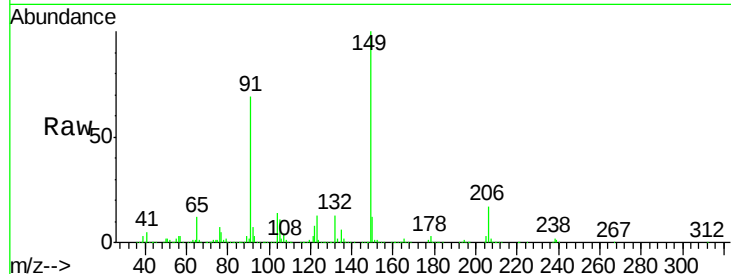




#79
Butylbenzylphthalate
Concen: 42.18 ng
RT: 13.28 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

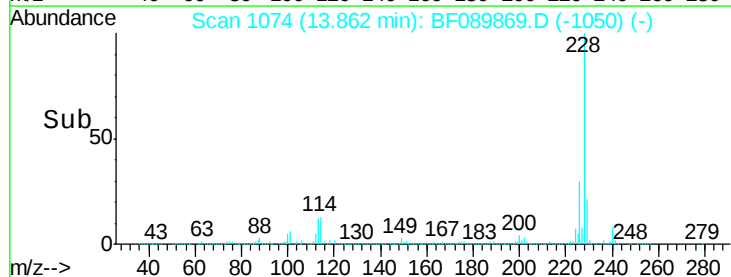
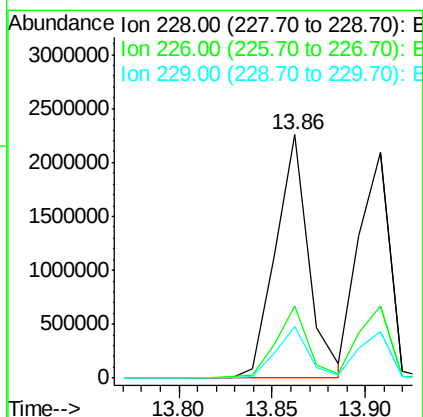
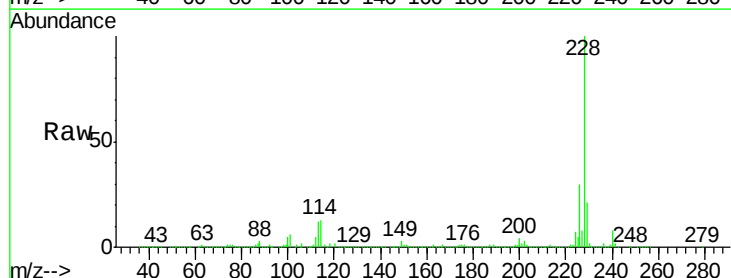
Instrument :
BNA_F
ClientSampled :

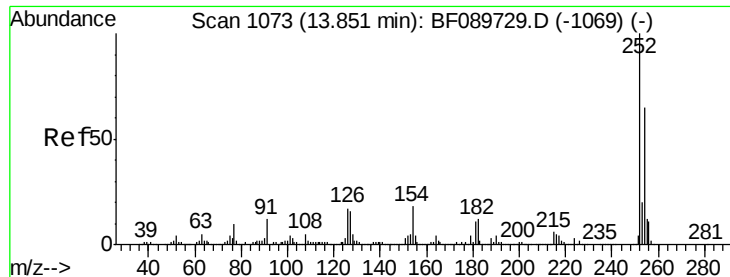
Tot Ion:149 Resp: 1616521
Ion Ratio Lower Upper
149 100
91 68.8 50.7 76.1
206 17.3 15.5 23.3



#80
Benzo(a)anthracene
Concen: 41.26 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:228 Resp: 2798506
Ion Ratio Lower Upper
228 100
226 29.7 23.2 34.8
229 21.0 16.2 24.4

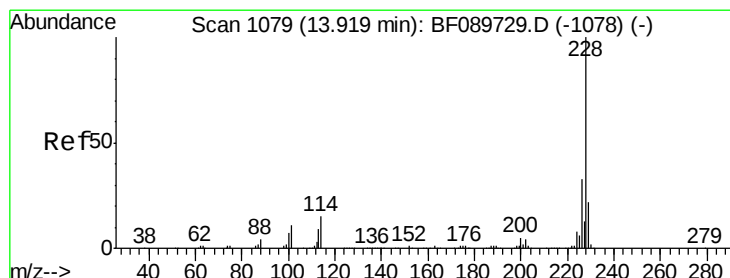
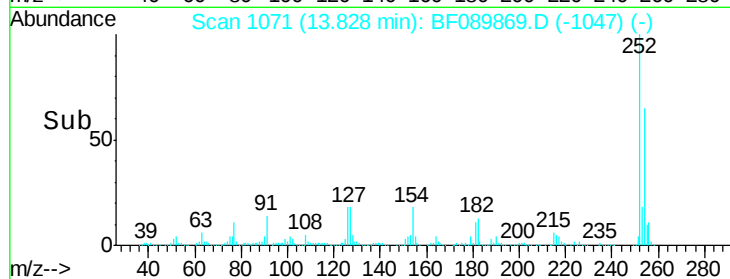
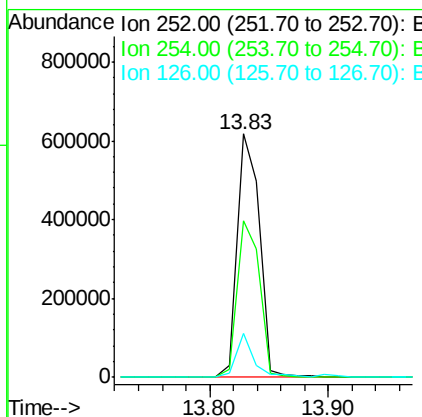
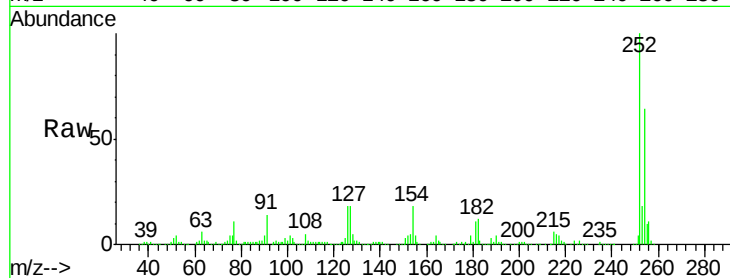




#81
 3,3'-Dichlorobenzidine
 Concen: 32.72 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

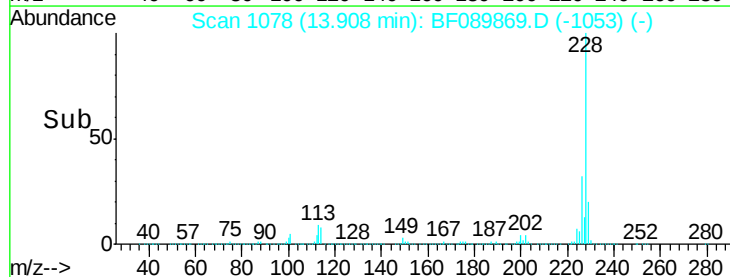
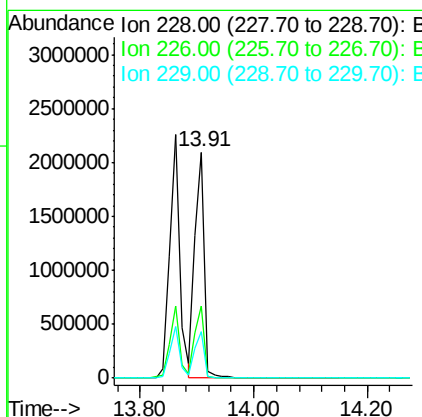
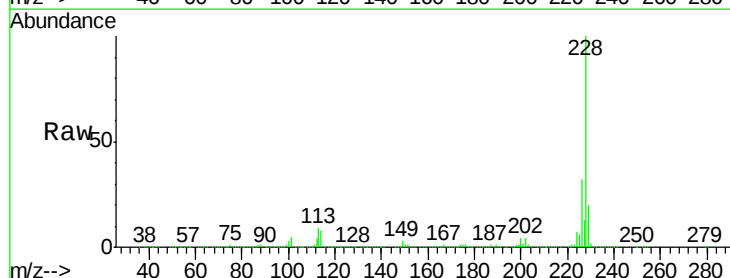
Instrument :
 BNA_F
 ClientSampleId :

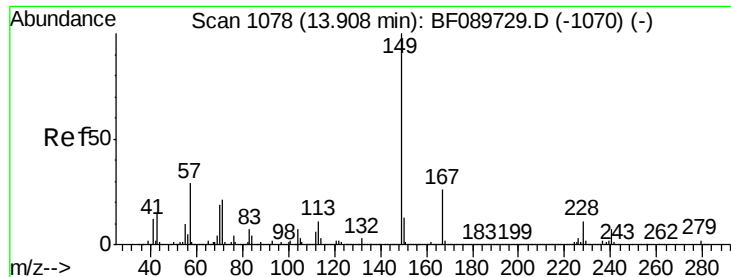
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.5	50.6	75.8
126	17.9	12.6	18.8



#82
 Chrysene
 Concen: 40.12 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.01 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.4	38.0
229	20.3	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.77 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

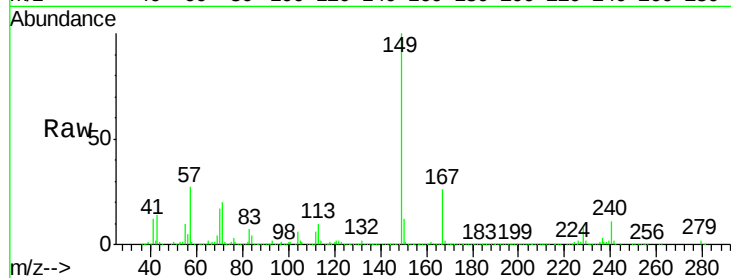
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 2575355

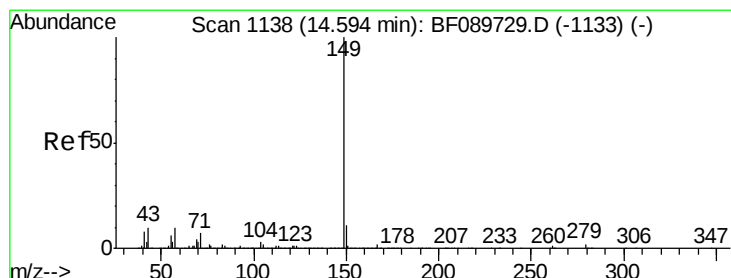
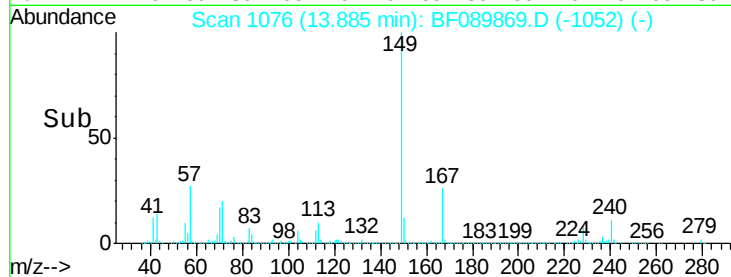
Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.2	31.8
279	1.8	2.9	4.3#



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: 48.60 ng

RT: 14.58 min Scan# 1137

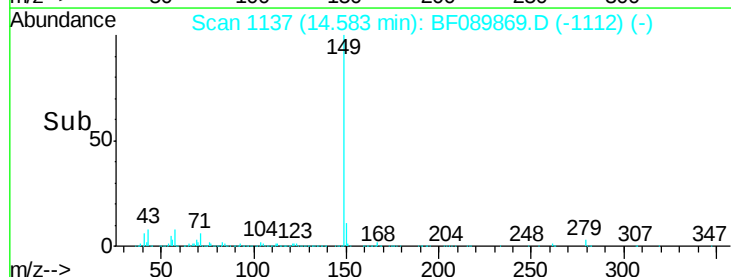
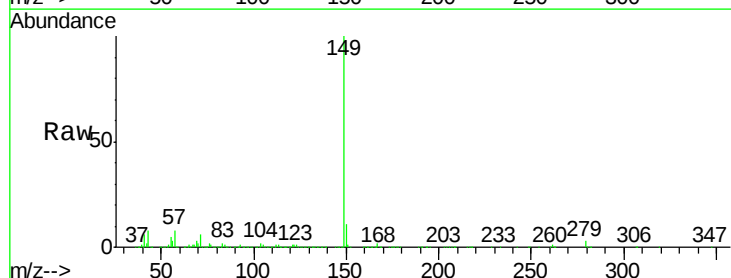
Delta R.T. -0.01 min

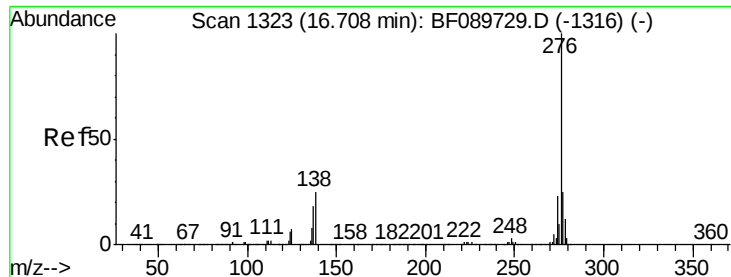
Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Tgt Ion:149 Resp: 3831538

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	7.8	8.4	12.6#

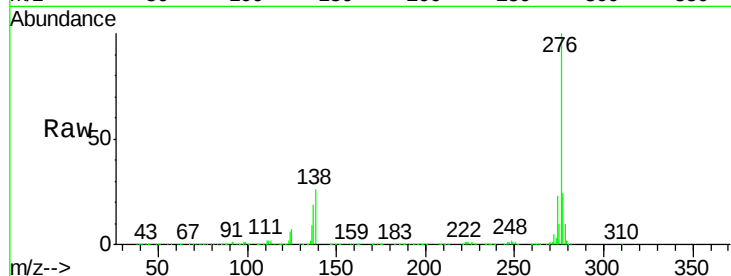




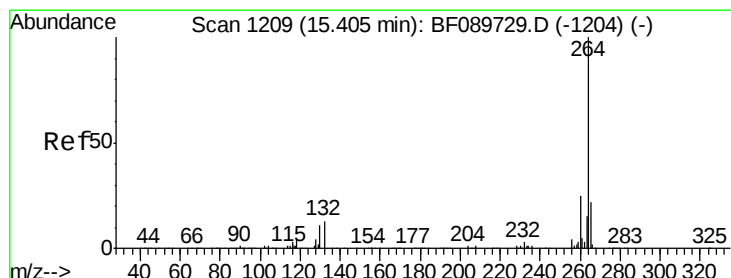
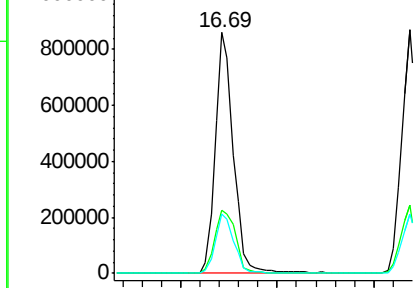
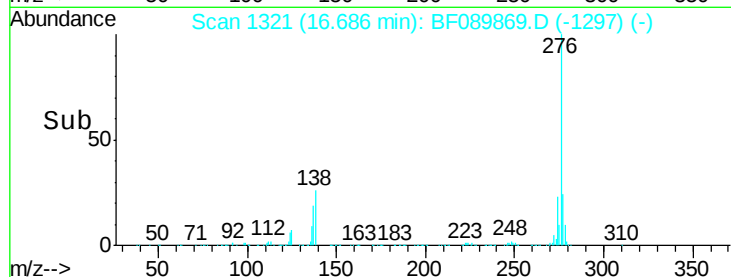
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.82 ng
 RT: 16.69 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 2278993
 Ion Ratio Lower Upper
 276 100
 138 30.8 24.6 36.8
 277 25.5 20.4 30.6

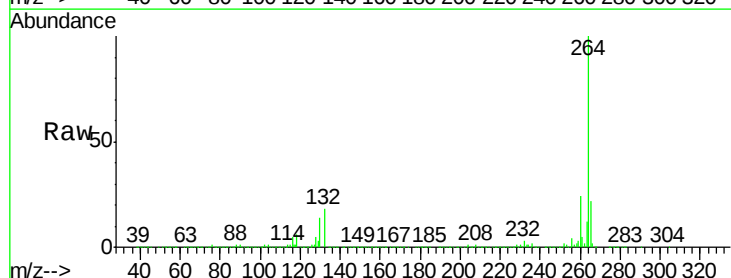


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

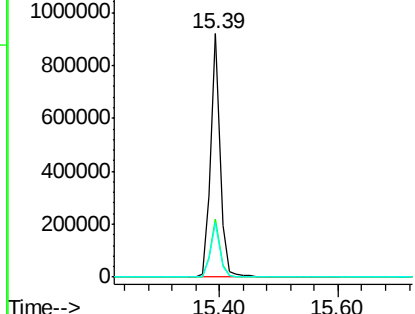
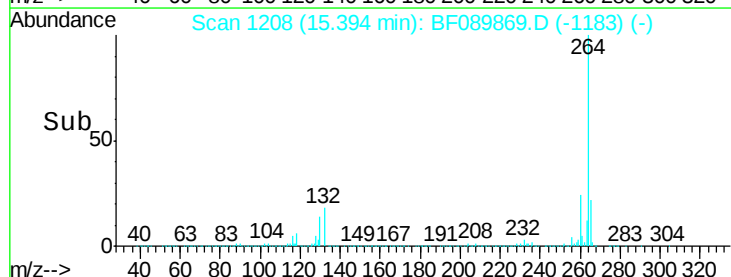


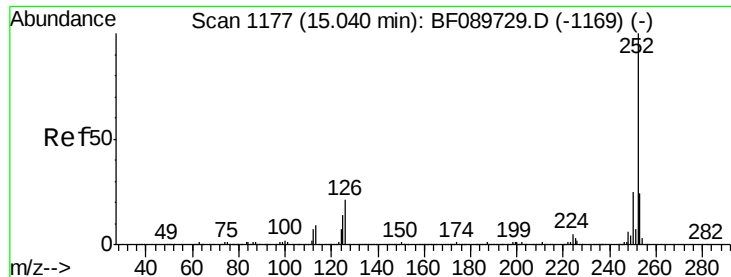
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF089869.D
 Acq: 24 Aug 2016 12:56

Tgt Ion:264 Resp: 1023726
 Ion Ratio Lower Upper
 264 100
 260 24.0 20.2 30.2
 265 22.0 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

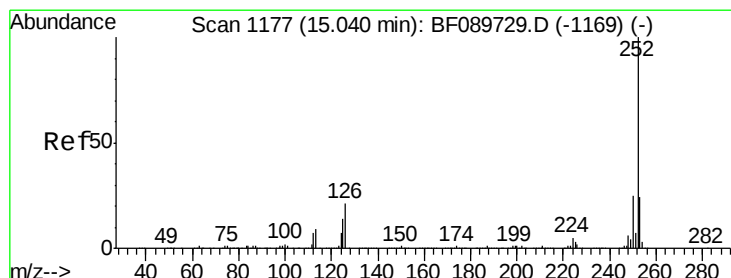
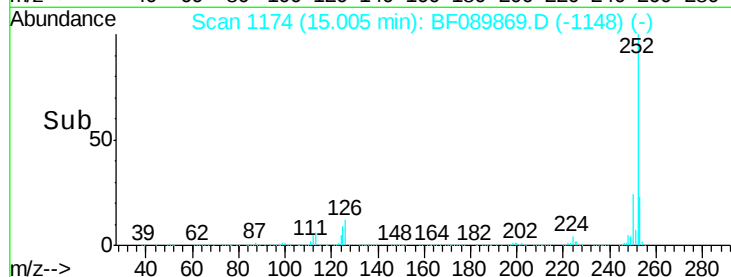
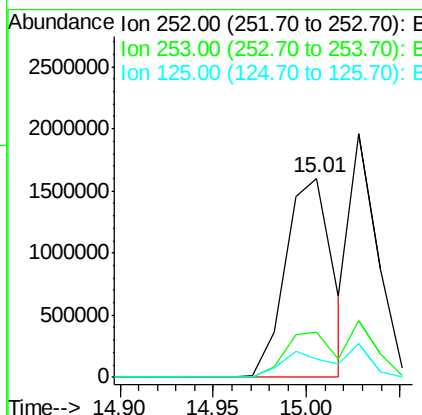
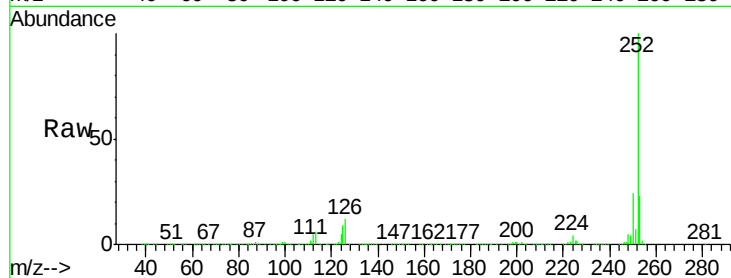




#87
Benzo(b)fluoranthene
Concen: 43.29 ng
RT: 15.01 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

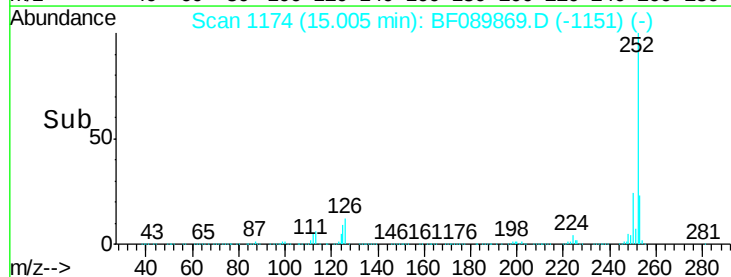
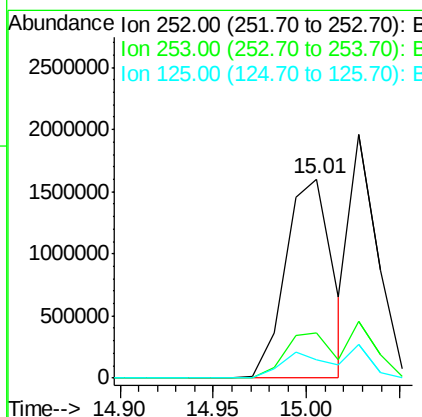
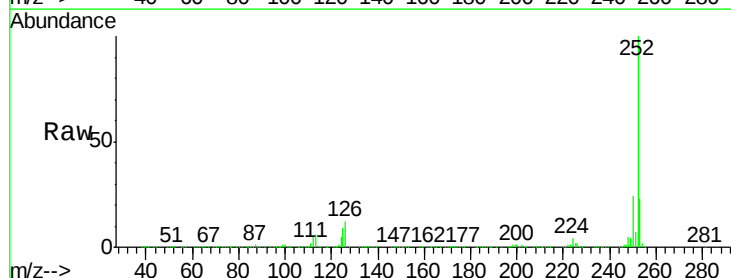
Instrument :
BNA_F
ClientSampleId :

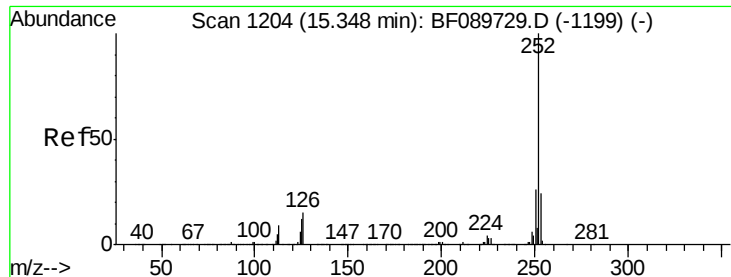
Tot Ion:252 Resp: 2808189
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 9.4 11.4 17.2#



#88
Benzo(k)fluoranthene
Concen: 52.60 ng
RT: 15.01 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:252 Resp: 2808189
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 9.4 9.8 14.6#

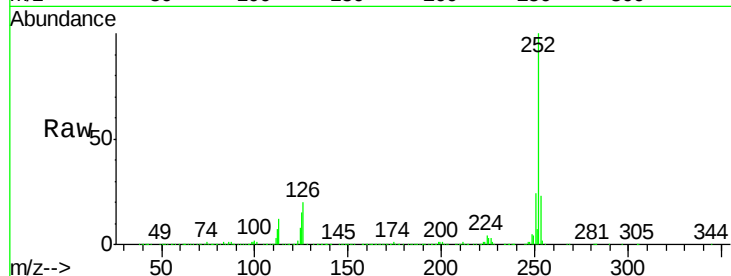




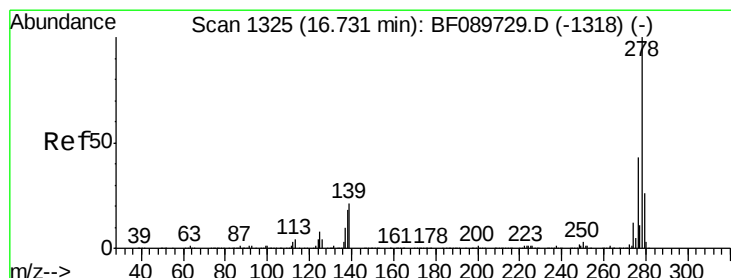
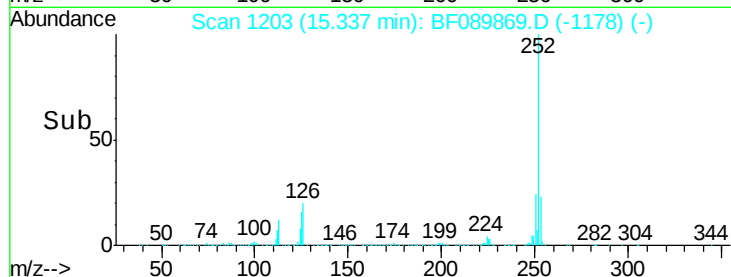
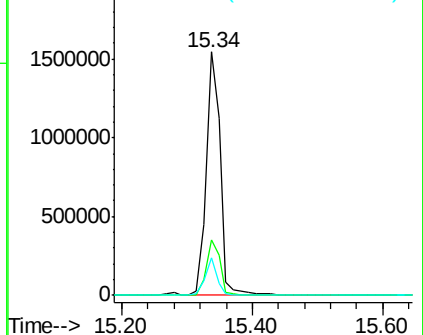
#89
Benzo(a)pyrene
Concen: 42.61 ng
RT: 15.34 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 2282113
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.4 11.7 17.5

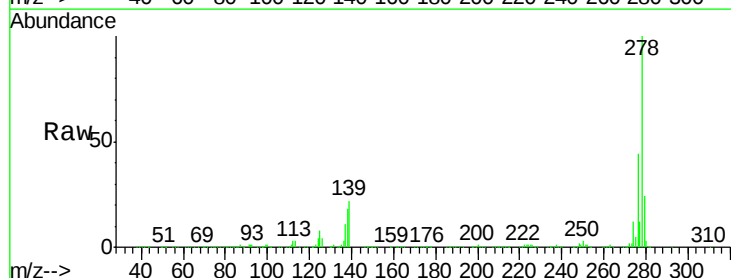


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

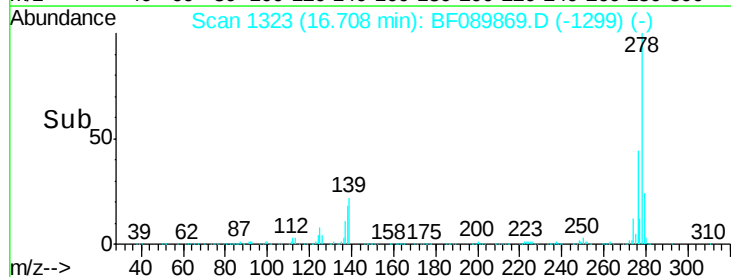
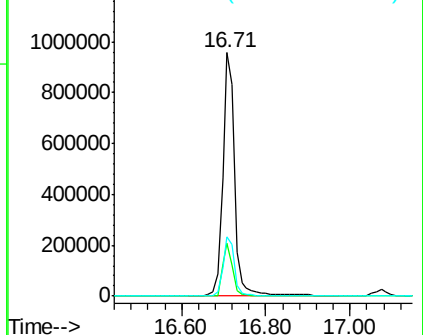


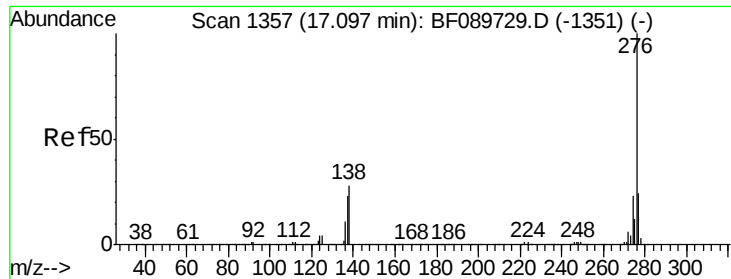
#90
Dibenzo(a,h)anthracene
Concen: 44.92 ng
RT: 16.71 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF089869.D
Acq: 24 Aug 2016 12:56

Tgt Ion:278 Resp: 1894376
Ion Ratio Lower Upper
278 100
139 21.7 14.9 22.3
279 24.4 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: 44.61 ng

RT: 17.07 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF089869.D

Acq: 24 Aug 2016 12:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 1914315

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 27.9 22.1 33.1

