

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089129.D
 Acq On : 20 Jul 2016 12:05
 Operator : UM/SJ
 Sample : SSTDICC02.5
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 20 15:33:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 15:28:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	47686	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	211084	20.00	ng	0.00
38) Acenaphthene-d10	9.63	164	105204	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	209660	20.00	ng	0.00
75) Chrysene-d12	13.73	240	171307	20.00	ng	0.00
86) Perylene-d12	15.07	264	125025	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	15301	4.83	ng	0.02
7) Phenol-d6	6.26	99	22084	5.38	ng	-0.01
23) Nitrobenzene-d5	7.16	82	20297	5.04	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	4505	4.69	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	41846	5.99	ng	-0.01
78) Terphenyl-d14	12.69	244	37227	4.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	3613	2.33	ng	92
3) Pyridine	2.73	79	7762	1.75	ng	# 69
4) n-Nitrosodimethylamine	2.66	42	2967	1.73	ng	# 88
6) Aniline	6.26	93	14582	2.48	ng	# 85
8) 2-Chlorophenol	6.39	128	8741	2.54	ng	85
9) Benzaldehyde	6.15	77	6351	2.34	ng	99
10) Phenol	6.28	94	12254	2.62	ng	93
11) bis(2-Chloroethyl)ether	6.34	93	9089	2.57	ng	99
12) 1,3-Dichlorobenzene	6.54	146	10369	2.74	ng	97
13) 1,4-Dichlorobenzene	6.62	146	10381	2.77	ng	99
14) 1,2-Dichlorobenzene	6.76	146	9817	2.75	ng	90
15) Benzyl Alcohol	6.76	79	7375	2.45	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.89	45	10620	2.16	ng	82
17) 2-Methylphenol	6.89	107	7257	2.61	ng	99
18) Hexachloroethane	7.11	117	3800	2.64	ng	94
19) n-Nitroso-di-n-propylamine	7.02	70	6844	2.44	ng	# 87
20) 3+4-Methylphenols	7.05	107	9570	2.78	ng	99
22) Acetophenone	7.02	105	14589	2.79	ng	# 97
24) Nitrobenzene	7.19	77	10622	2.58	ng	95
25) Isophorone	7.43	82	18424	2.47	ng	99
26) 2-Nitrophenol	7.51	139	4533	2.65	ng	92
27) 2,4-Dimethylphenol	7.56	122	8649	2.54	ng	96
28) bis(2-Chloroethoxy)methane	7.64	93	11343	2.31	ng	96
29) 2,4-Dichlorophenol	7.76	162	7145	2.51	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	8217	2.65	ng	93
31) Naphthalene	7.91	128	30475	2.92	ng	100
32) Benzoic acid	7.64	122	2929	1.15	ng	97
33) 4-Chloroaniline	7.96	127	12016	2.58	ng	# 88
34) Hexachlorobutadiene	8.03	225	4557	2.72	ng	96
35) Caprolactam	8.30	113	2011	2.13	ng	# 84
36) 4-Chloro-3-methylphenol	8.47	107	8828	2.64	ng	89
37) 2-Methylnaphthalene	8.70	142	17823	2.58	ng	92
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	10210	2.92	ng	95
40) Hexachlorocyclopentadiene	8.75	237	278	0.17	ng	# 27

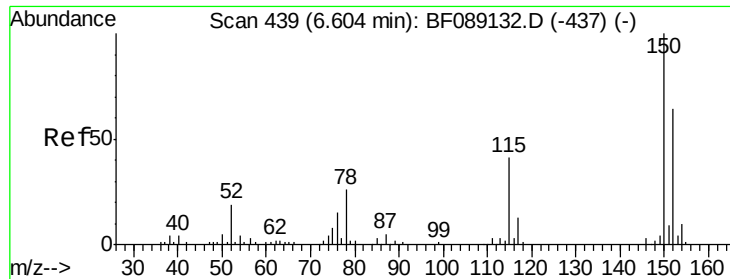
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072016\
 Data File : BF089129.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.89	196	5113	2.20	nq	97
43) 2,4,5-Trichlorophenol	8.92	196	5091	2.53	nq	# 80
45) 1,1'-Biphenyl	9.06	154	24864	2.87	nq	96
46) 2-Chloronaphthalene	9.08	162	18436	2.71	nq	# 91
47) 2-Nitroaniline	9.19	65	6062	2.55	nq	# 80
48) Acenaphthylene	9.50	152	28251	2.60	nq	99
49) Dimethylphthalate	9.36	163	19891	2.58	nq	# 96
50) 2,6-Dinitrotoluene	9.43	165	4557	2.66	nq	98
51) Acenaphthene	9.66	154	17078	2.56	nq	98
52) 3-Nitroaniline	9.60	138	5014	2.39	nq	98
54) Dibenzofuran	9.84	168	22984	2.63	nq	91
55) 4-Nitrophenol	9.84	139	11607	7.47	nq	# 4
56) 2,4-Dinitrotoluene	9.83	165	6416	2.90	nq	# 88
57) Fluorene	10.17	166	21069	3.02	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.96	232	3512	2.27	nq	# 92
59) Diethylphthalate	10.06	149	20098	2.67	nq	98
60) 4-Chlorophenyl-phenylether	10.17	204	9353	2.93	nq	# 75
61) 4-Nitroaniline	10.20	138	4720	2.29	nq	84
62) Azobenzene	10.33	77	22382	2.62	nq	91
64) 4,6-Dinitro-2-methylphenol	10.24	198	1112	0.98	nq	# 61
65) n-Nitrosodiphenylamine	10.30	169	17133	2.46	nq	97
66) 4-Bromophenyl-phenylether	10.66	248	5090	2.41	nq	# 81
67) Hexachlorobenzene	10.72	284	5961	2.59	nq	# 78
68) Atrazine	10.82	200	5873	2.68	nq	95
69) Pentachlorophenol	10.92	266	1314	0.99	nq	96
70) Phenanthrene	11.13	178	28984	2.54	nq	98
71) Anthracene	11.18	178	32972	2.87	nq	99
72) Carbazole	11.34	167	26254	2.41	nq	98
73) Di-n-butylphthalate	11.68	149	34208	2.74	nq	99
74) Fluoranthene	12.31	202	31468	2.75	nq	93
76) Benzidine	12.43	184	14047	1.71	nq	98
77) Pyrene	12.53	202	33024	2.29	nq	99
79) Butylbenzylphthalate	13.17	149	13661	2.13	nq	# 86
80) Benzo(a)anthracene	13.71	228	25278	2.31	nq	99
81) 3,3'-Dichlorobenzidine	13.68	252	7317	1.76	nq	# 95
82) Chrysene	13.75	228	24530	2.25	nq	99
83) Bis(2-ethylhexyl)phthalate	13.73	149	18247	2.48	nq	# 95
84) Di-n-octyl phthalate	14.33	149	29763	2.38	nq	# 93
85) Indeno(1,2,3-cd)pyrene	16.29	276	16396	1.97	nq	99
87) Benzo(b)fluoranthene	14.73	252	40160	4.87	nq	# 95
88) Benzo(k)fluoranthene	14.73	252	40160	6.11	nq	# 97
89) Benzo(a)pyrene	15.02	252	17985	2.70	nq	# 96
90) Dibenzo(a,h)anthracene	16.30	278	13274	2.40	nq	# 90
91) Benzo(g,h,i)perylene	16.65	276	14014	2.46	nq	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

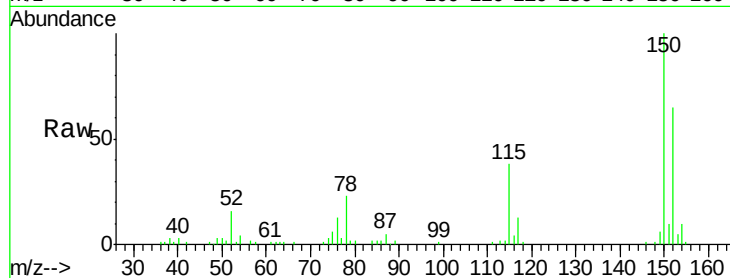
Tot Ion:152 Resp: 47686

Ion Ratio Lower Upper

152 100

150 153.4 125.1 187.7

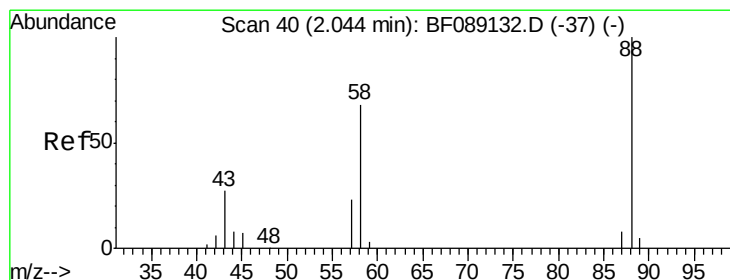
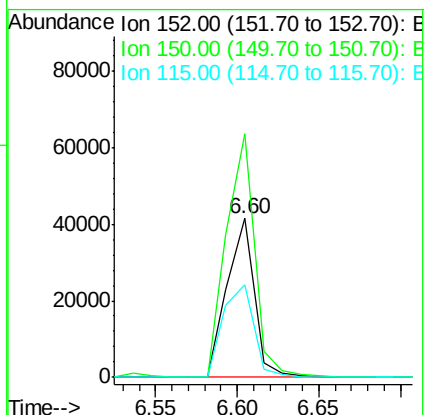
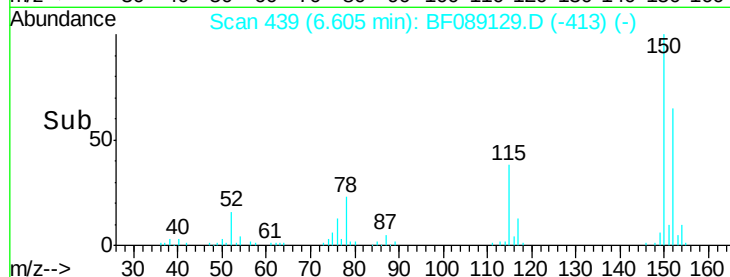
115 58.7 51.1 76.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.33 ng

RT: 2.06 min Scan# 41

Delta R.T. 0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

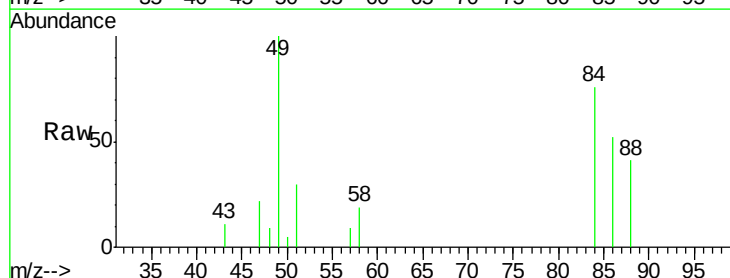
Tgt Ion: 88 Resp: 3613

Ion Ratio Lower Upper

88 100

58 54.6 49.2 73.8

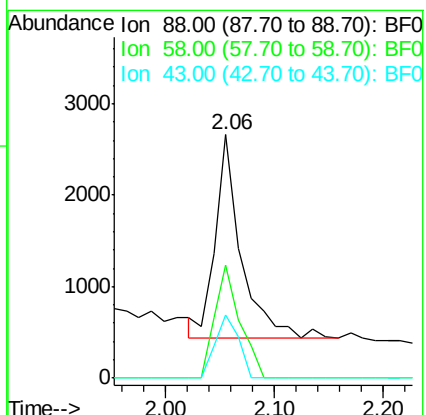
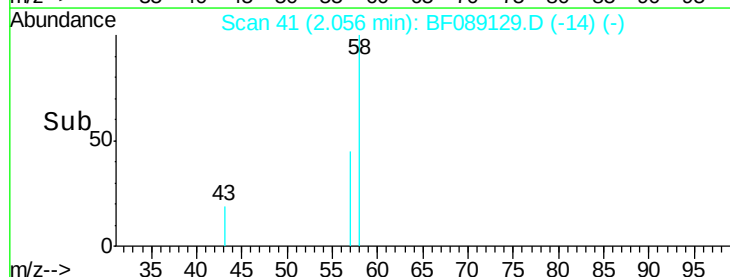
43 28.4 20.6 30.8

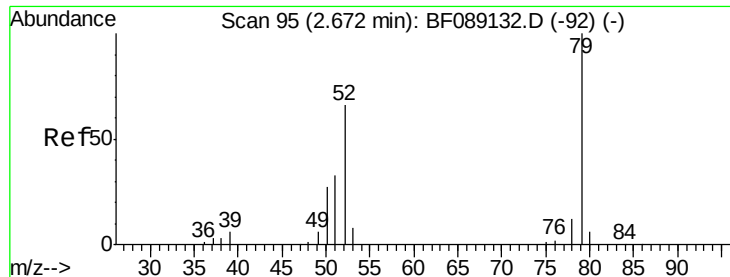


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

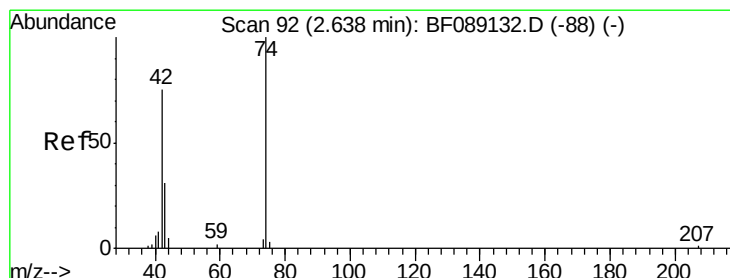
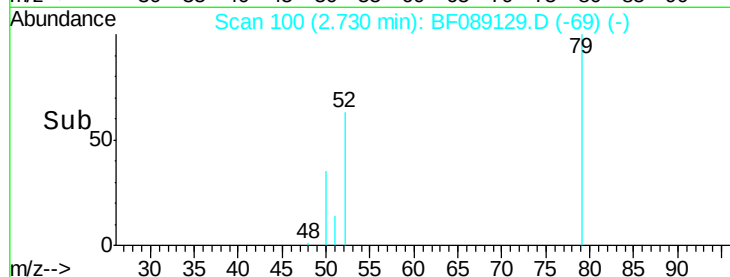
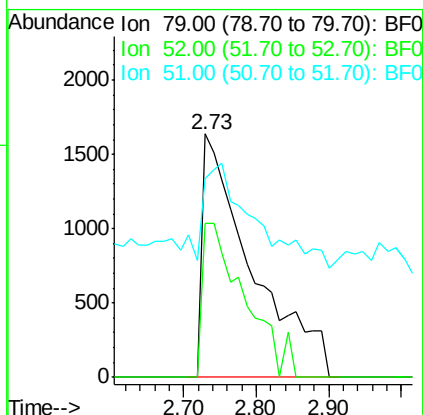
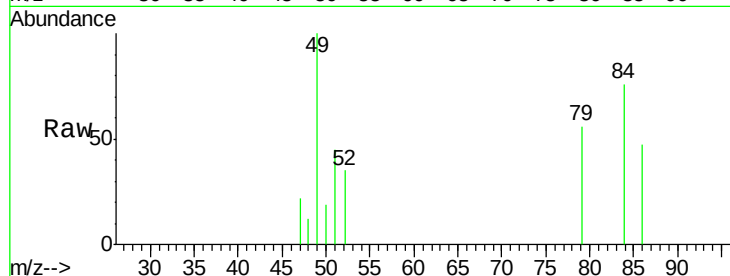




#3
 Pvridine
 Concen: 1.75 ng
 RT: 2.73 min Scan# 100
 Delta R.T. 0.06 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

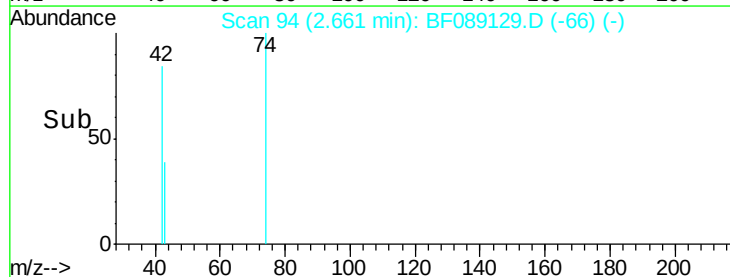
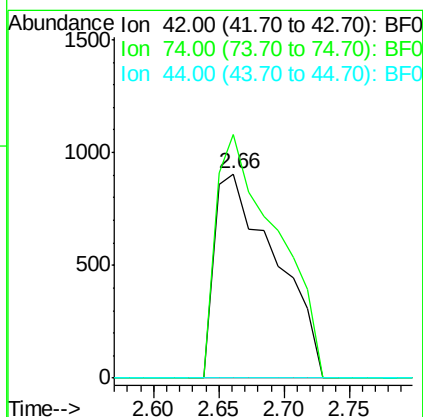
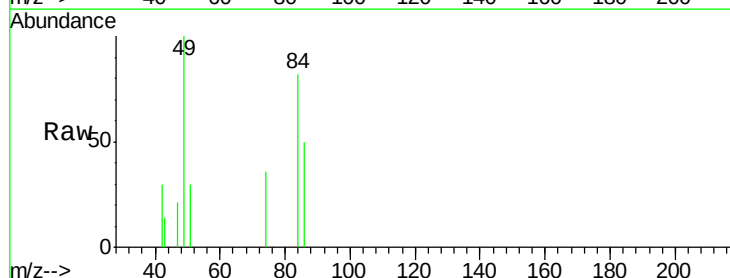
Instrument :
 BNA_F
 ClientSampled :

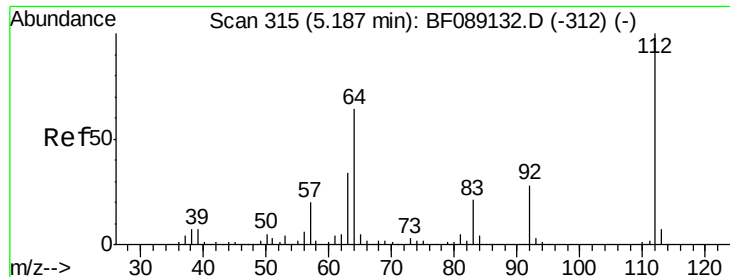
Tot Ion: 79 Resp: 7762
 Ion Ratio Lower Upper
 79 100
 52 63.0 52.9 79.3
 51 81.5 27.0 40.6#



#4
 n-Nitrosodimethylamine
 Concen: 1.73 ng
 RT: 2.66 min Scan# 94
 Delta R.T. 0.02 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion: 42 Resp: 2967
 Ion Ratio Lower Upper
 42 100
 74 119.2 106.4 159.6
 44 0.0 5.2 7.8#





#5

2-Fluorophenol

Concen: 4.83 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

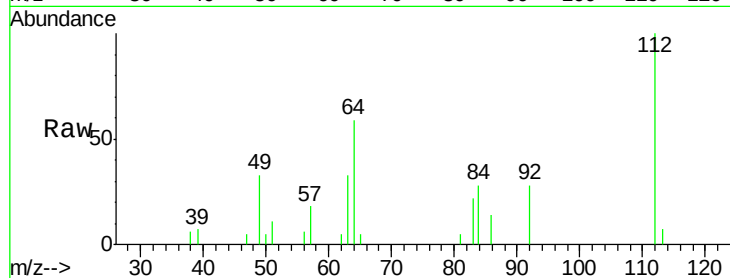
Tot Ion:112 Resp: 15301

Ion Ratio Lower Upper

112 100

64 58.9 51.0 76.4

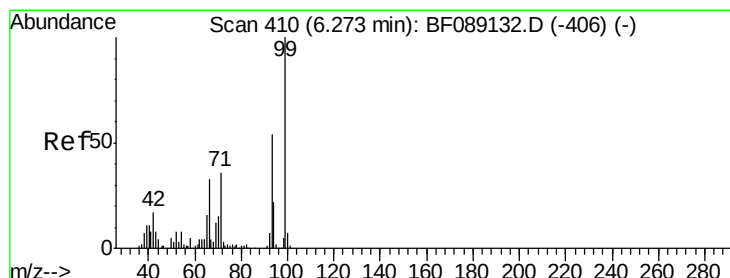
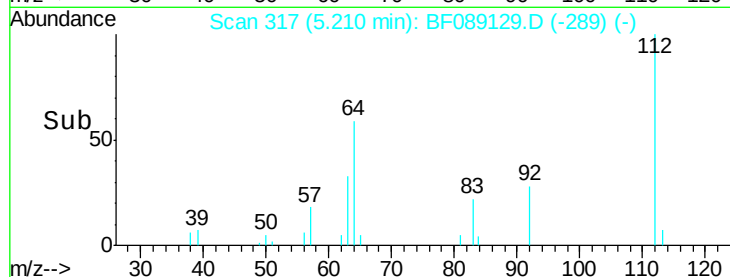
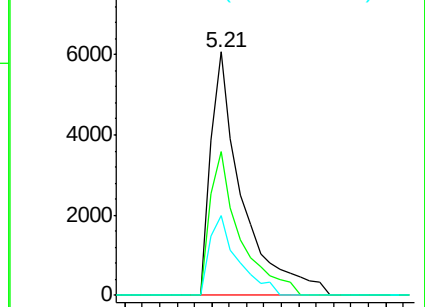
63 32.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.48 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

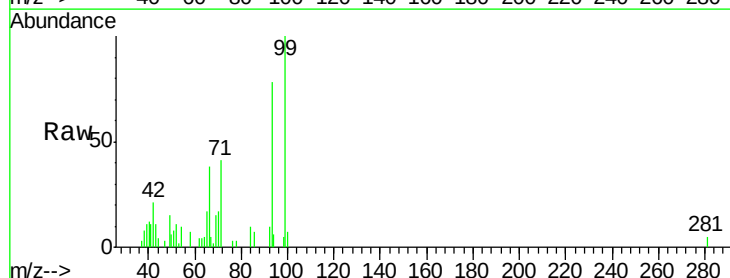
Tgt Ion: 93 Resp: 14582

Ion Ratio Lower Upper

93 100

66 49.3 48.9 73.3

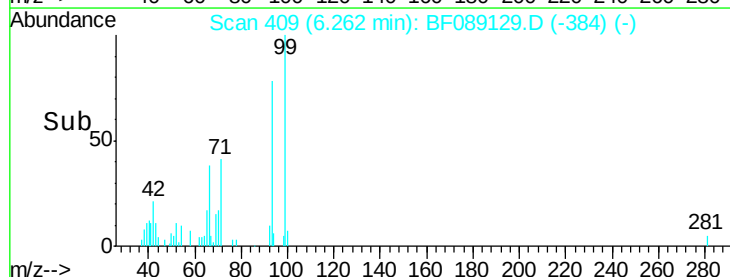
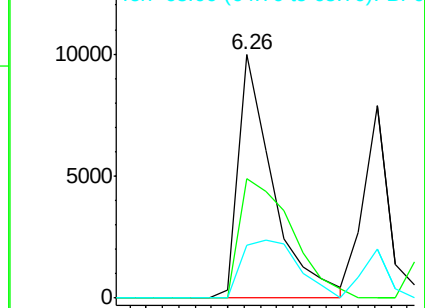
65 21.9 23.9 35.9#

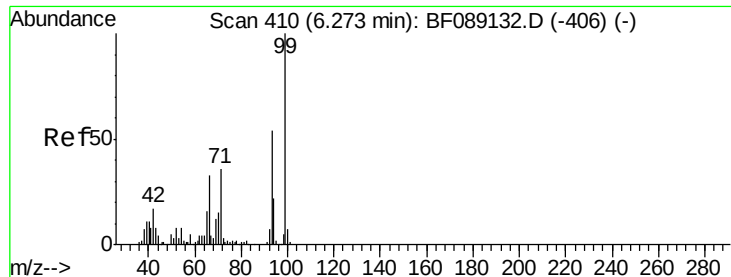


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.38 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

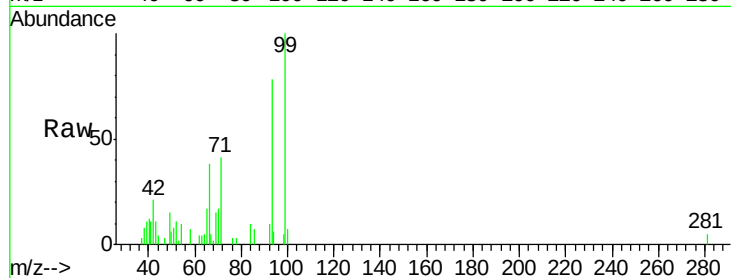
Tot Ion: 99 Resp: 22084

Ion Ratio Lower Upper

99 100

42 21.4 13.5 20.3#

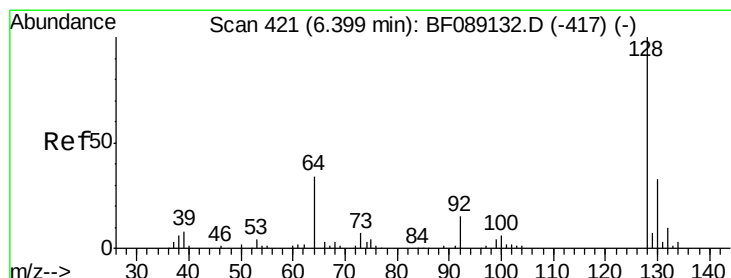
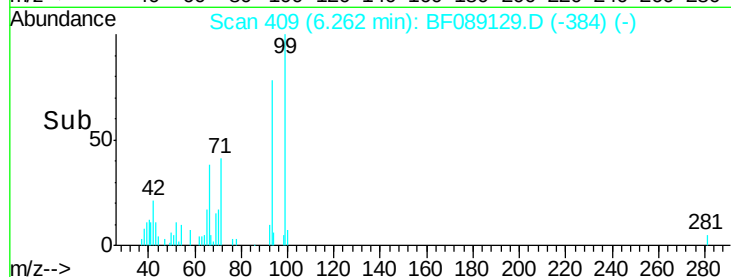
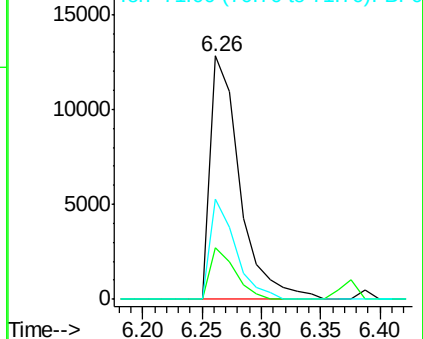
71 41.3 28.9 43.3



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: 2.54 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

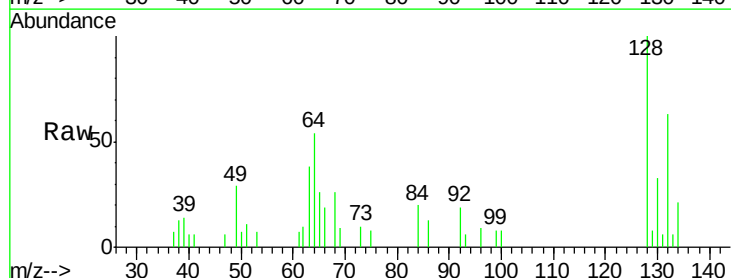
Tgt Ion: 128 Resp: 8741

Ion Ratio Lower Upper

128 100

130 33.3 12.6 52.6

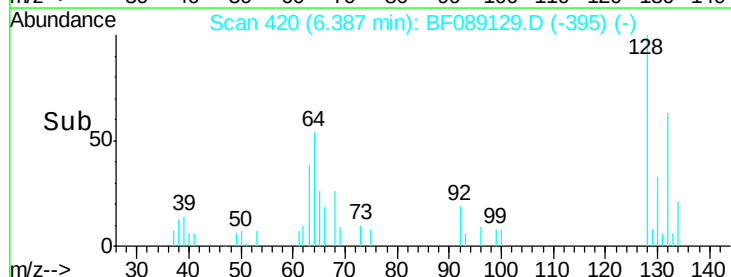
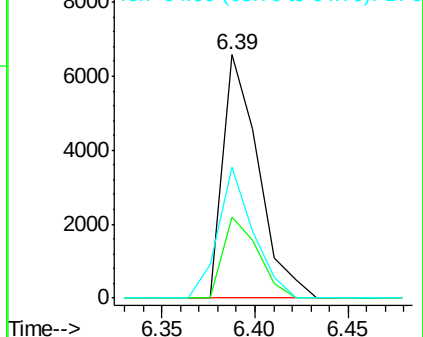
64 53.5 17.5 57.5

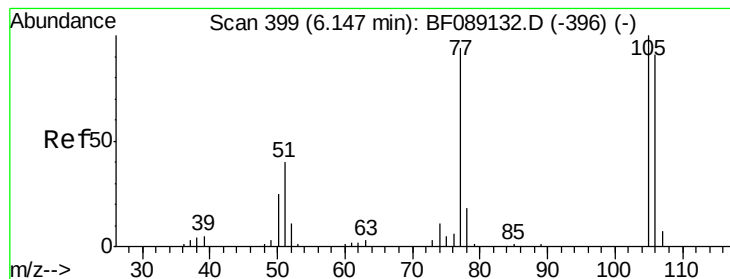


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.34 ng

RT: 6.15 min Scan# 399

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

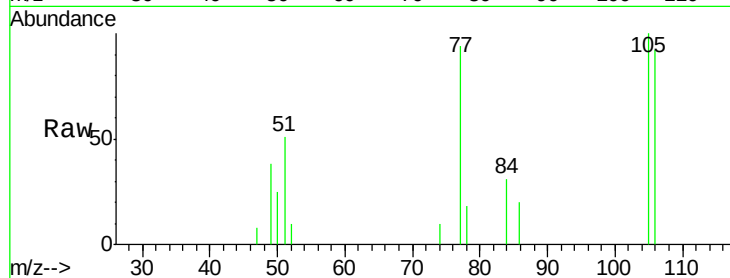
Tot Ion: 77 Resp: 6351

Ion Ratio Lower Upper

77 100

105 106.6 86.2 126.2

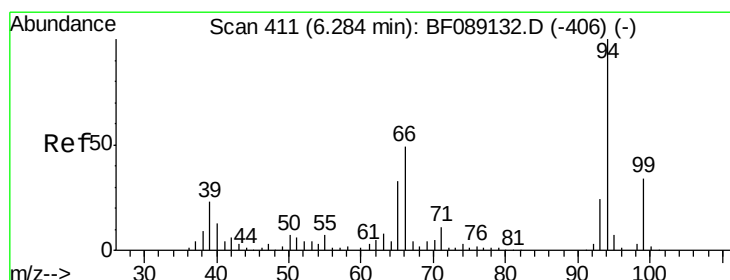
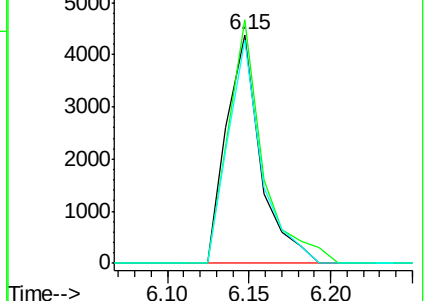
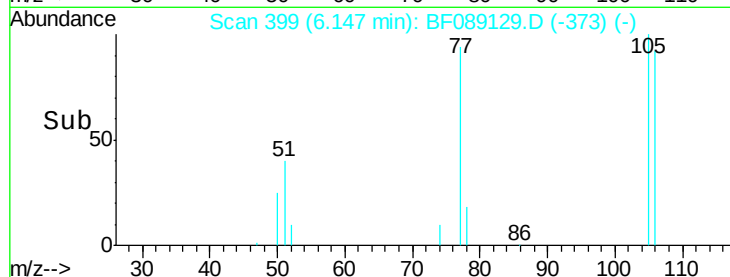
106 97.8 76.3 116.3



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: 2.62 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

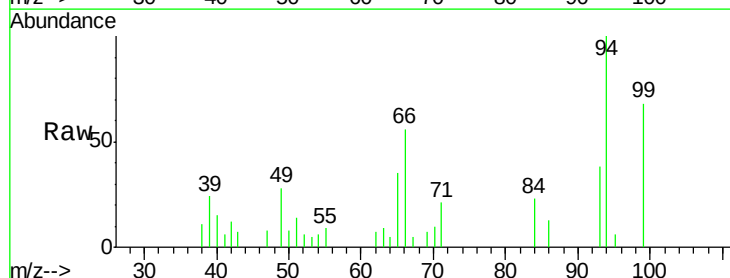
Tgt Ion: 94 Resp: 12254

Ion Ratio Lower Upper

94 100

65 35.0 13.3 53.3

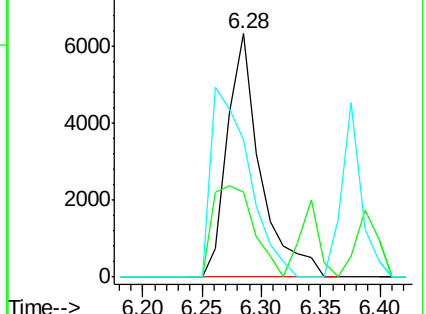
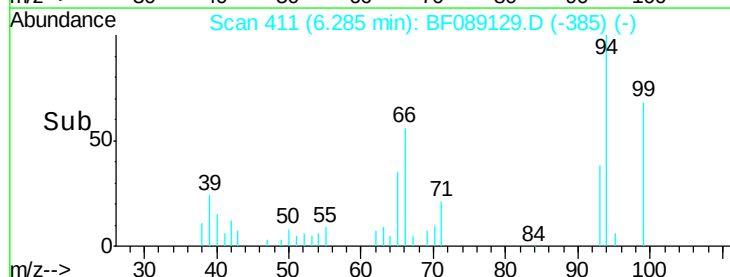
66 56.4 29.3 69.3

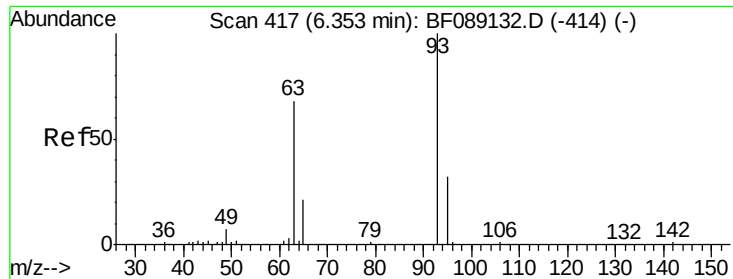


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.57 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

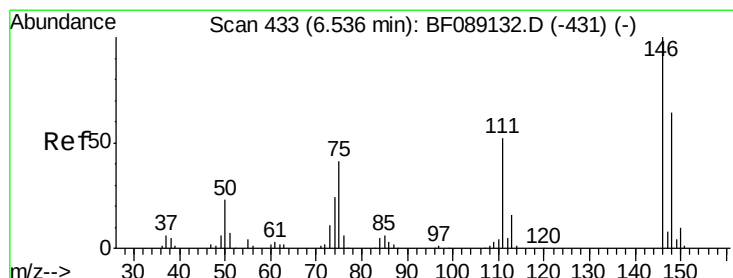
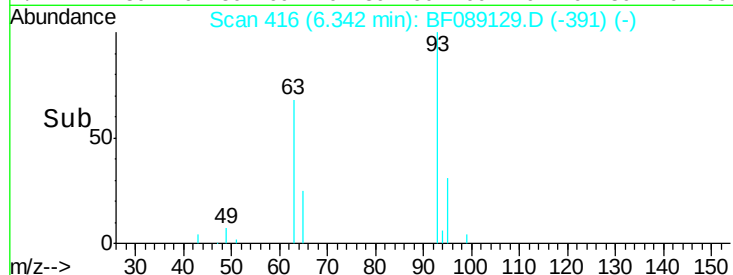
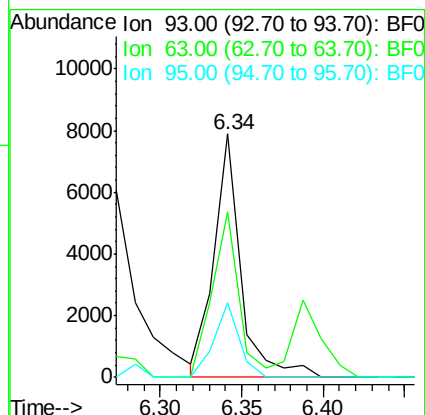
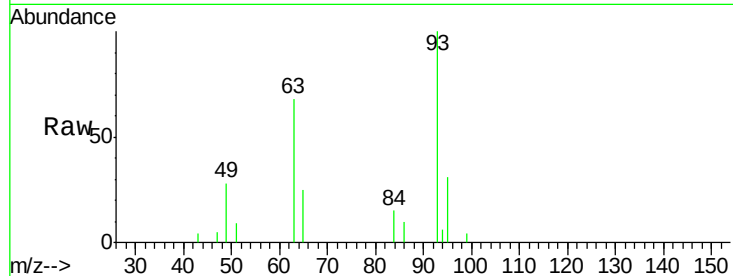
Tot Ion: 93 Resp: 9089

Ion Ratio Lower Upper

93 100

63 67.9 47.3 87.3

95 30.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.74 ng

RT: 6.54 min Scan# 433

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

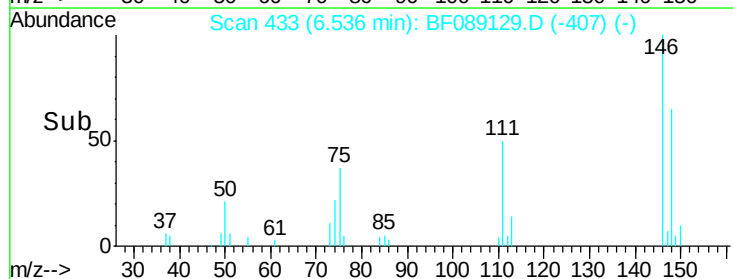
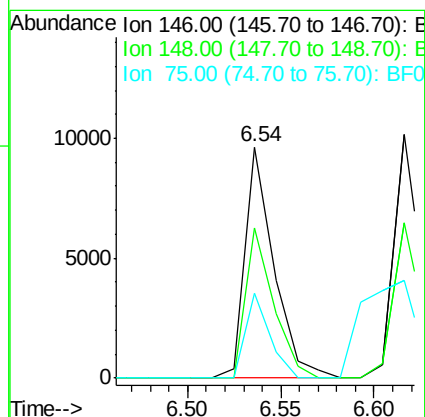
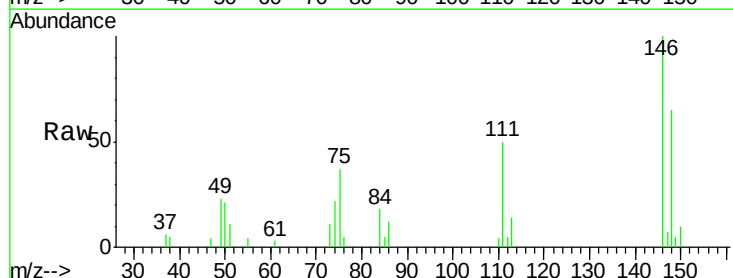
Tgt Ion: 146 Resp: 10369

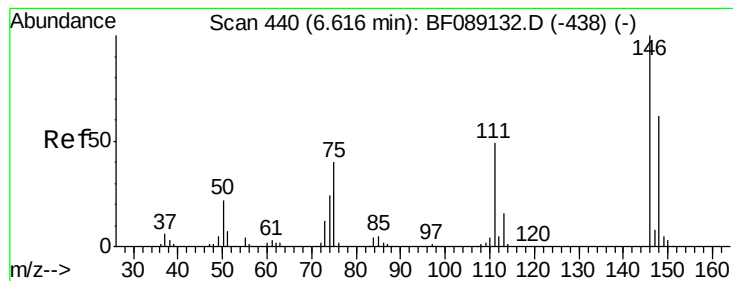
Ion Ratio Lower Upper

146 100

148 64.8 51.0 76.6

75 36.9 32.5 48.7





#13

1,4-Dichlorobenzene

Concen: 2.77 ng

RT: 6.62 min Scan# 440

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

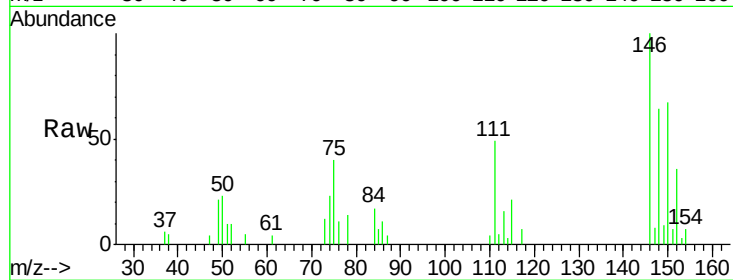
Tot Ion:146 Resp: 10381

Ion Ratio Lower Upper

146 100

148 63.6 49.9 74.9

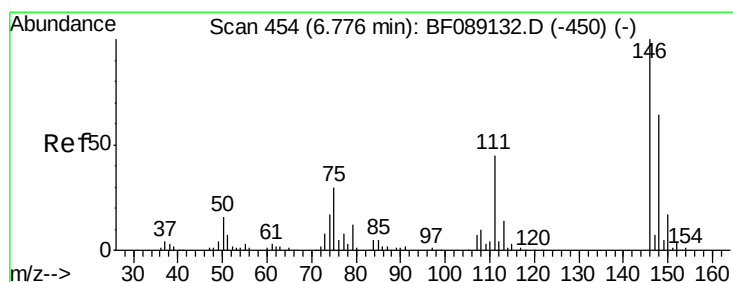
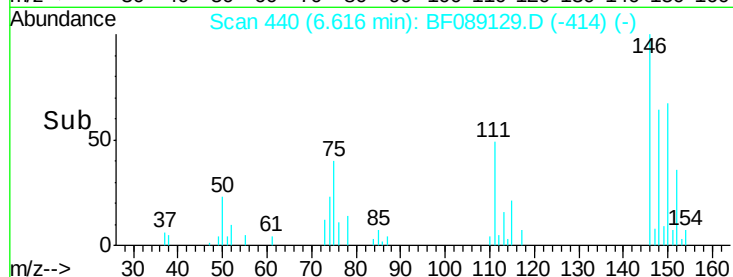
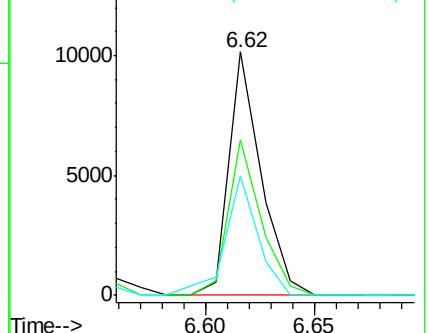
111 49.3 39.8 59.6



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



#14

1,2-Dichlorobenzene

Concen: 2.75 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

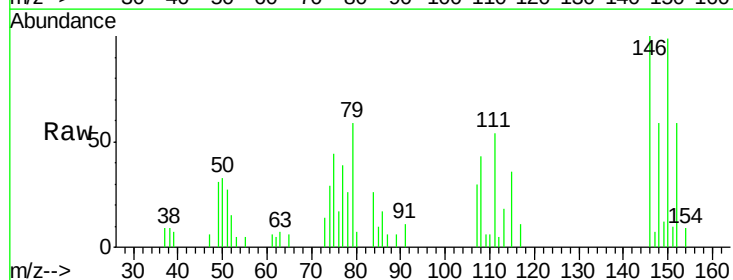
Tgt Ion:146 Resp: 9817

Ion Ratio Lower Upper

146 100

148 58.6 51.4 77.0

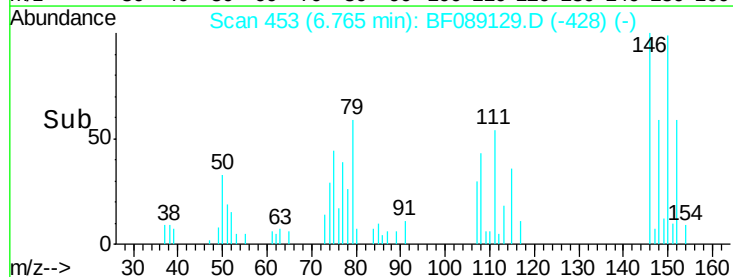
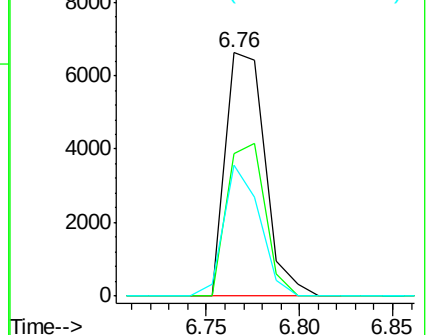
111 53.6 35.9 53.9

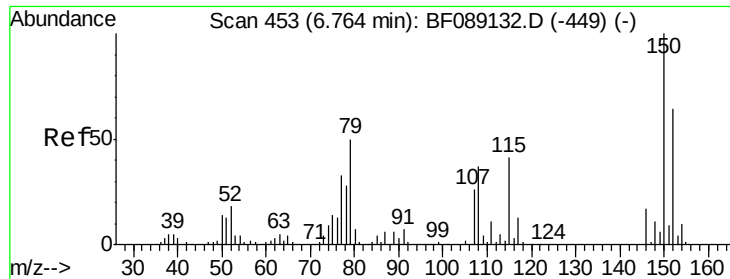


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

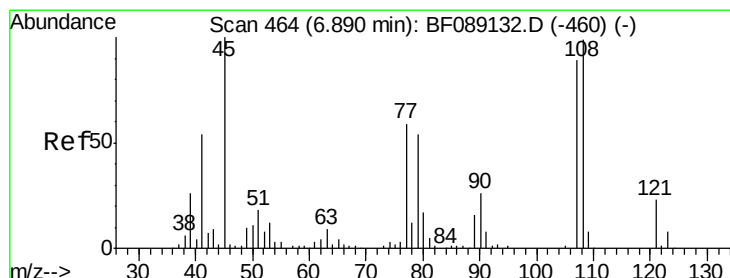
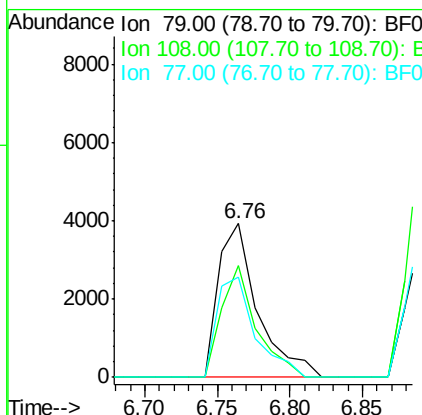
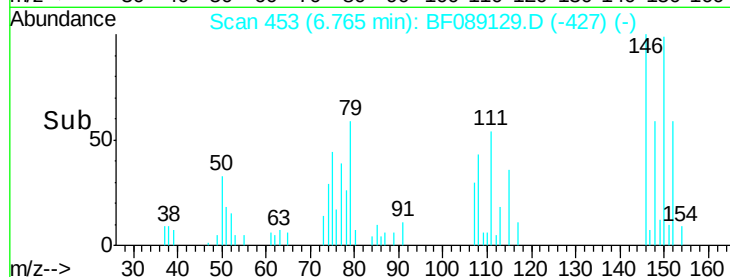
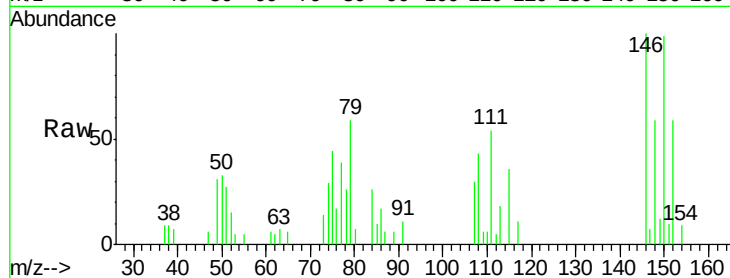




#15
Benzyl Alcohol
Concen: 2.45 ng
RT: 6.76 min Scan# 453
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

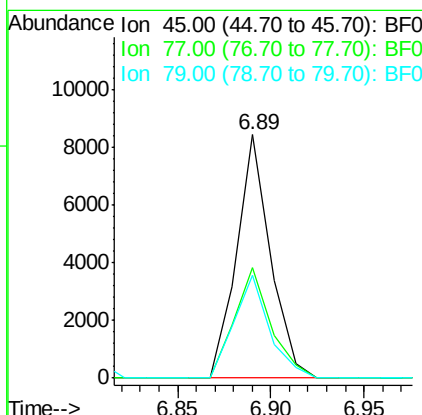
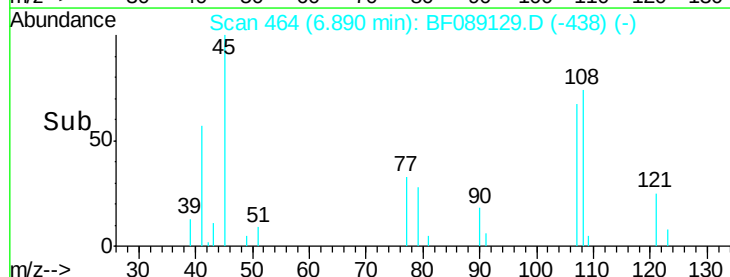
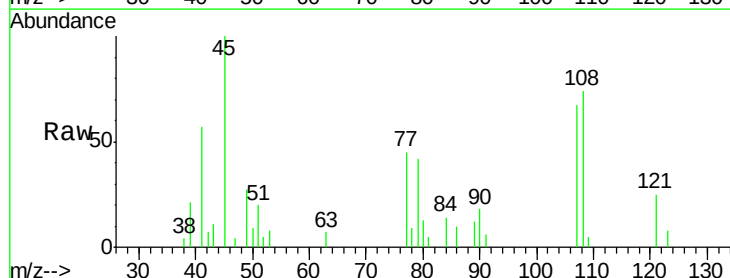
Instrument :
BNA_F
ClientSampleId :

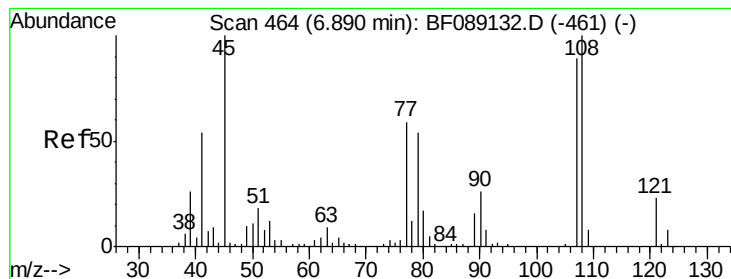
Tot Ion: 79 Resp: 7375
Ion Ratio Lower Upper
79 100
108 73.2 58.2 87.4
77 65.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.16 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion: 45 Resp: 10620
Ion Ratio Lower Upper
45 100
77 45.2 39.7 79.7
79 42.0 34.7 74.7

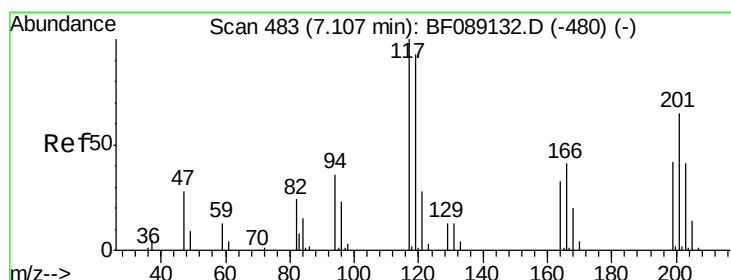
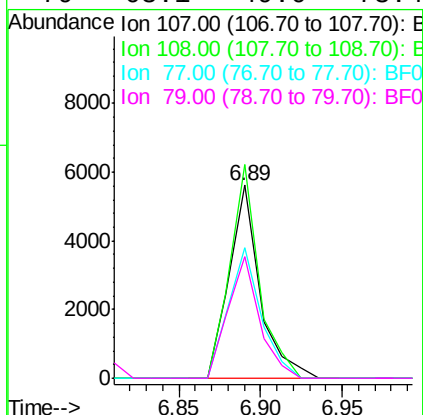
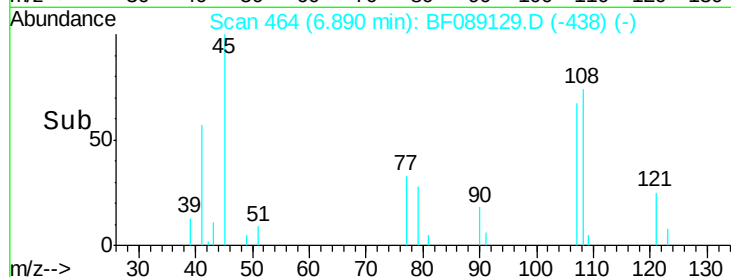
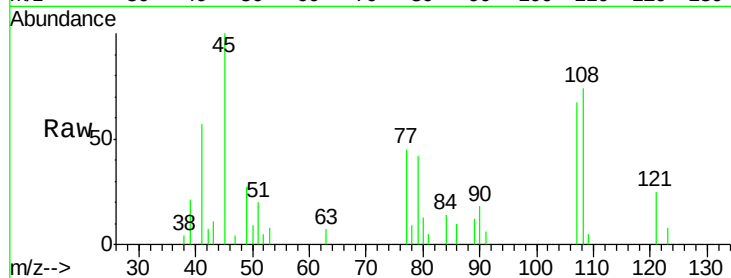




#17
2-Methylphenol
Concen: 2.61 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

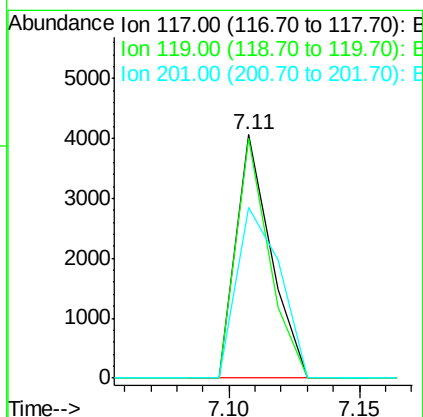
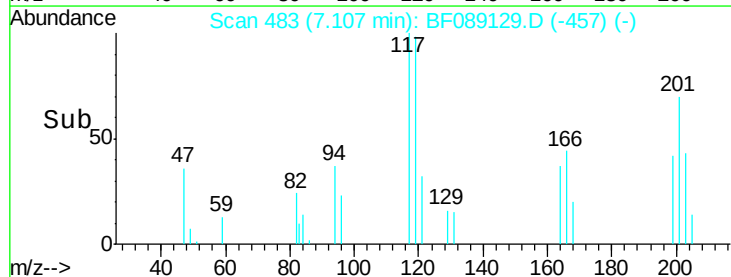
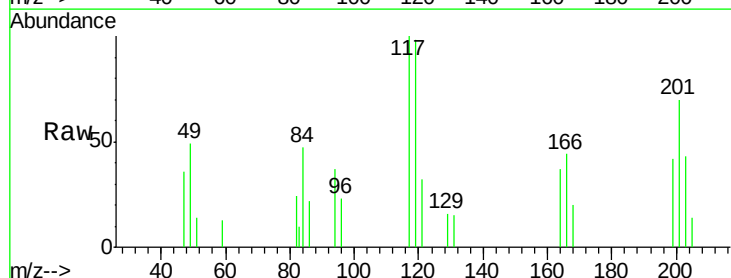
Instrument :
BNA_F
ClientSampleId :

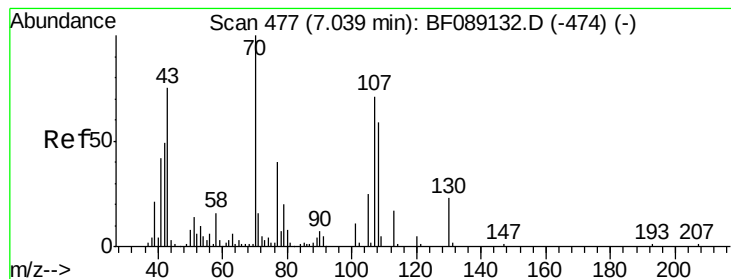
Tot Ion:107 Resp: 7257
Ion Ratio Lower Upper
107 100
108 110.8 89.4 134.2
77 67.8 53.4 80.0
79 63.1 49.0 73.4



#18
Hexachloroethane
Concen: 2.64 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:117 Resp: 3800
Ion Ratio Lower Upper
117 100
119 98.3 74.5 111.7
201 70.3 51.8 77.6





#19

n-Nitroso-di-n-propylamine

Concen: 2.44 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 6844

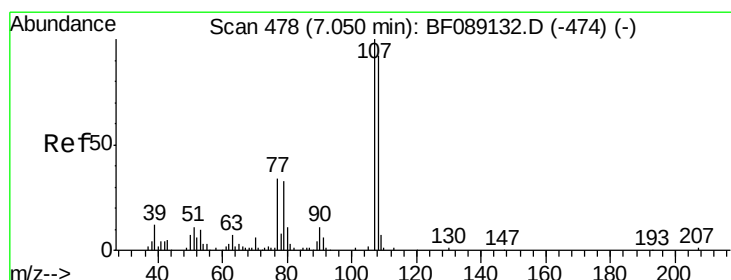
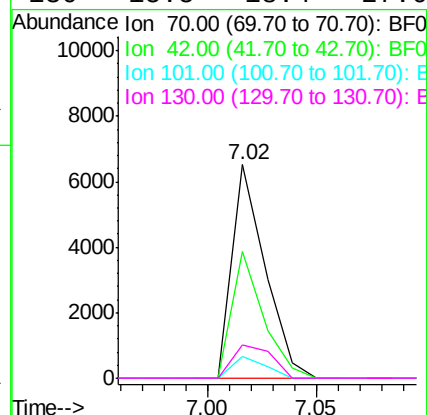
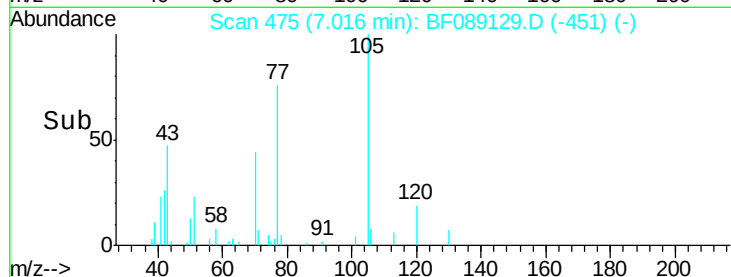
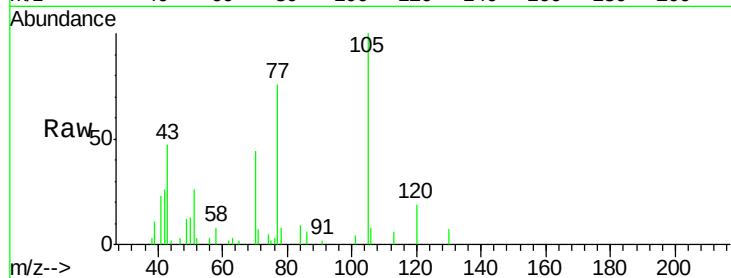
Ion Ratio Lower Upper

70 100

42 59.3 39.2 58.8#

101 10.0 8.5 12.7

130 15.5 18.4 27.6#



#20

3+4-Methylphenols

Concen: 2.78 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Tgt Ion: 107 Resp: 9570

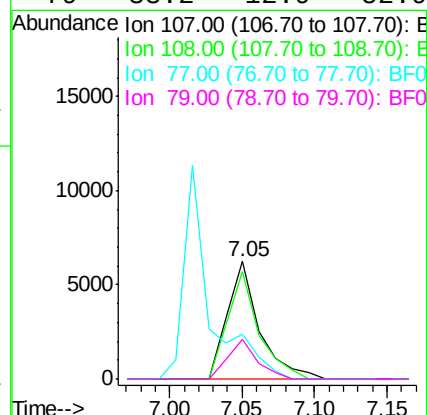
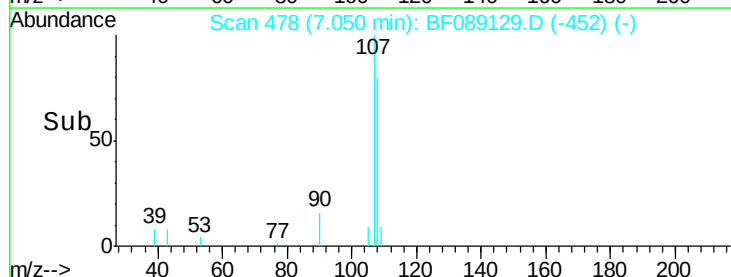
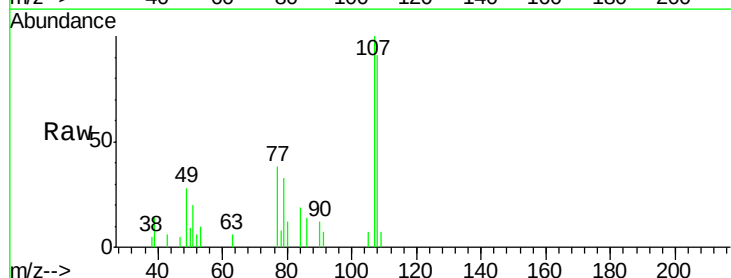
Ion Ratio Lower Upper

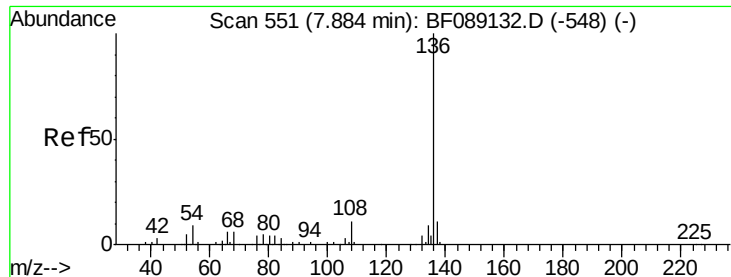
107 100

108 91.0 72.5 112.5

77 38.3 17.7 57.7

79 33.2 12.9 52.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.88 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 211084

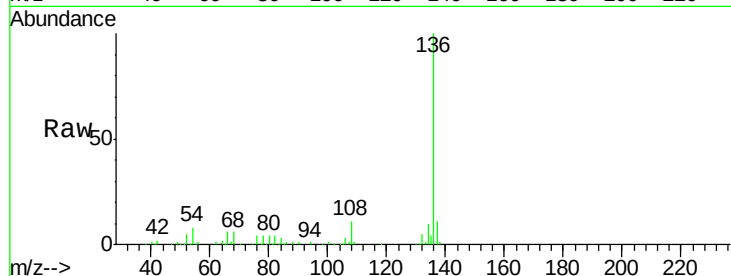
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 7.0 10.4

68 5.8 5.0 7.6

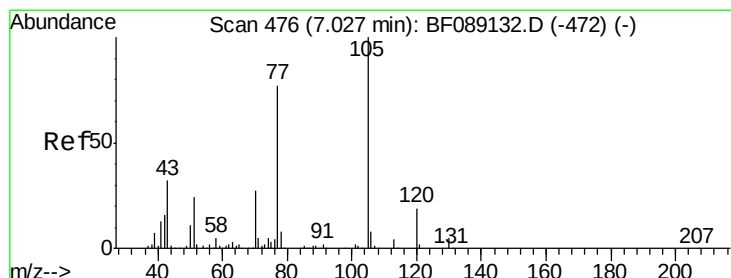
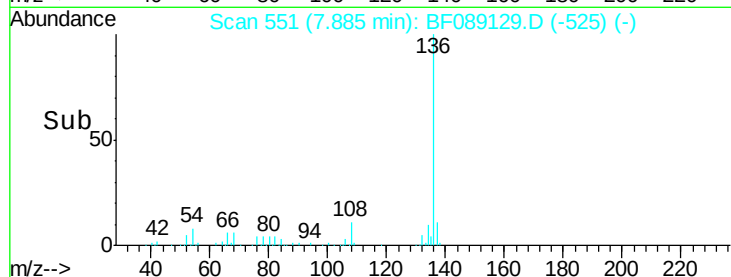
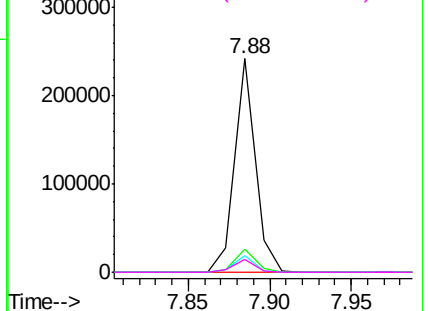


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.79 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Tgt Ion:105 Resp: 14589

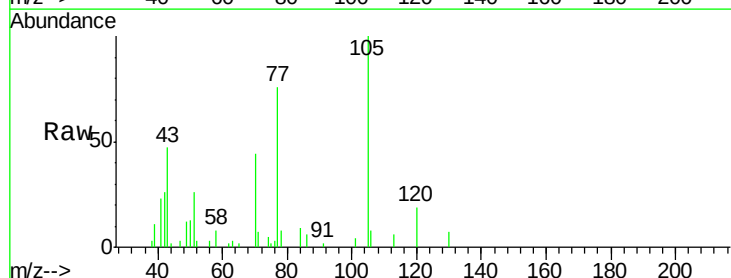
Ion Ratio Lower Upper

105 100

71 6.9 3.8 5.6#

51 26.4 19.6 29.4

120 19.3 15.5 23.3

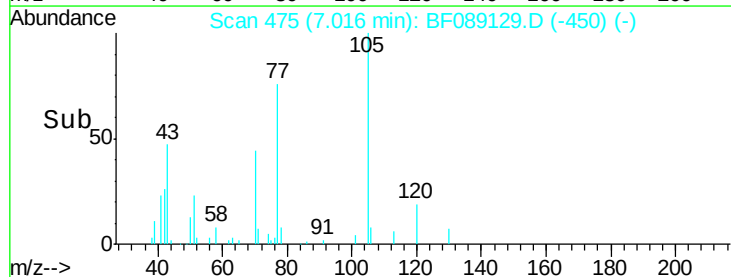
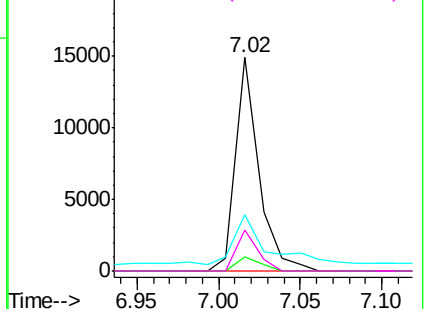


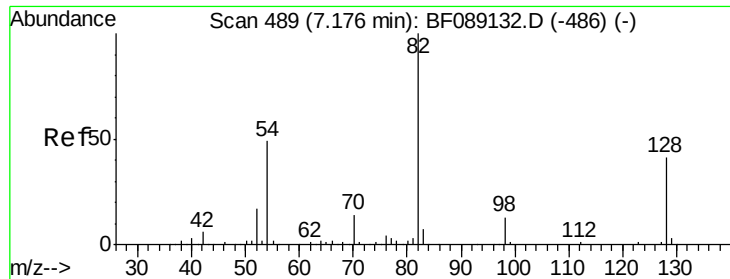
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

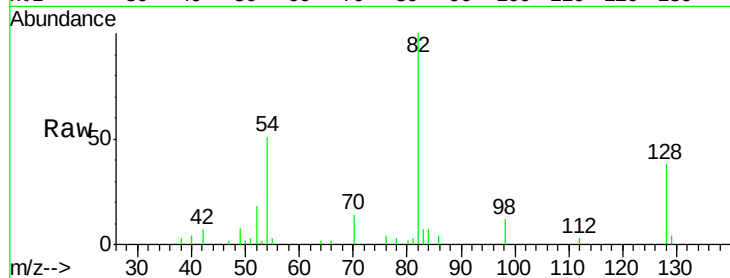




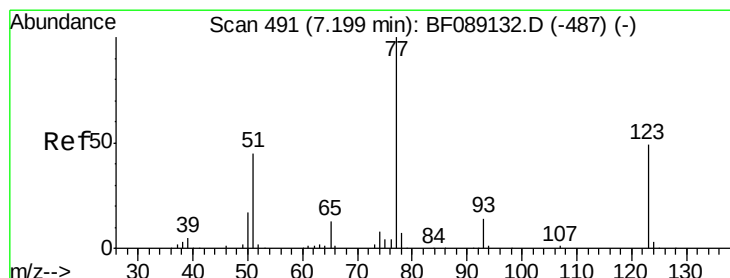
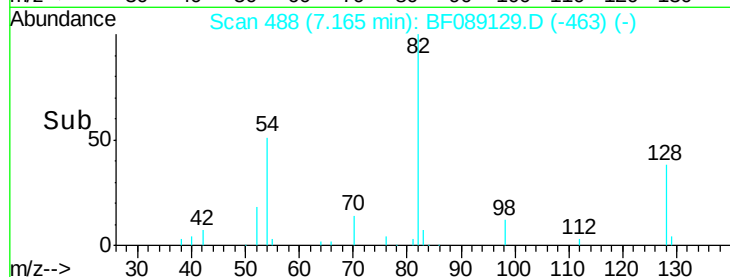
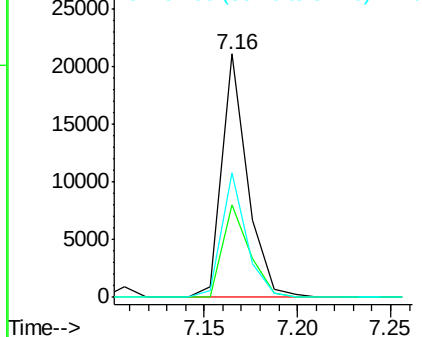
#23
 Nitrobenzene-d5
 Concen: 5.04 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 20297
 Ion Ratio Lower Upper
 82 100
 128 38.3 33.0 49.6
 54 51.0 39.0 58.4

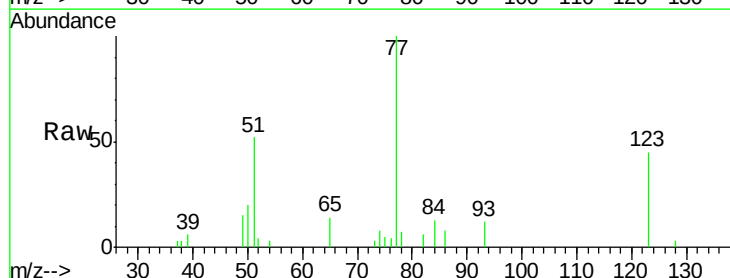


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

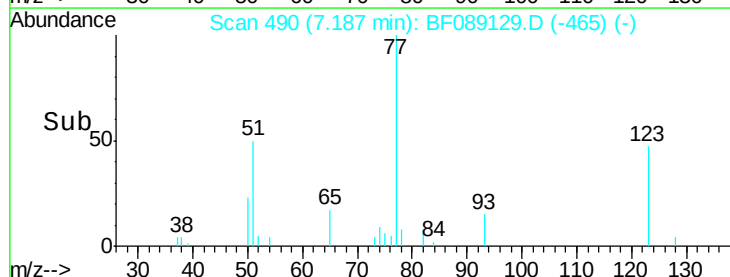
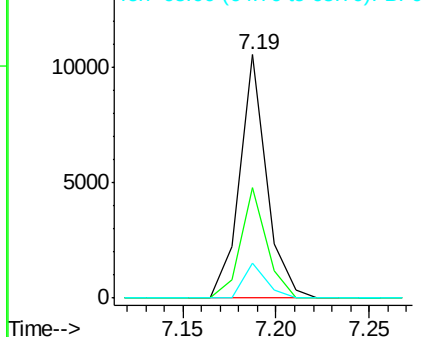


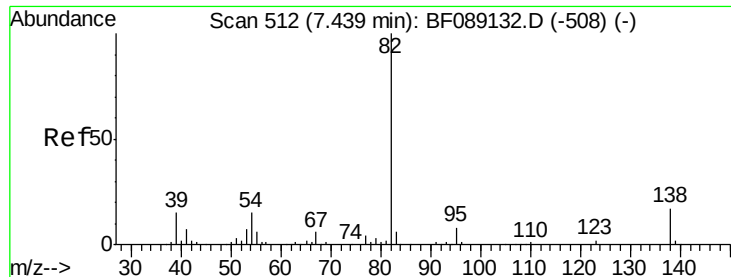
#24
 Nitrobenzene
 Concen: 2.58 ng
 RT: 7.19 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion: 77 Resp: 10622
 Ion Ratio Lower Upper
 77 100
 123 45.1 38.9 58.3
 65 14.4 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: 2.47 ng

RT: 7.43 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

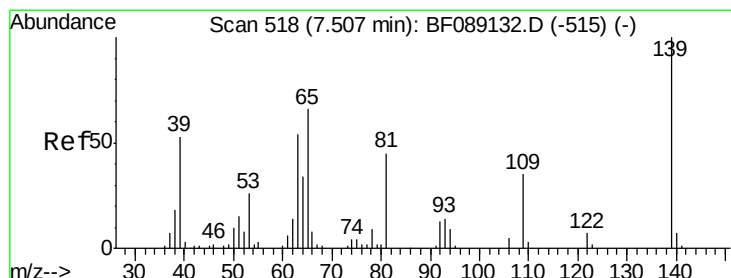
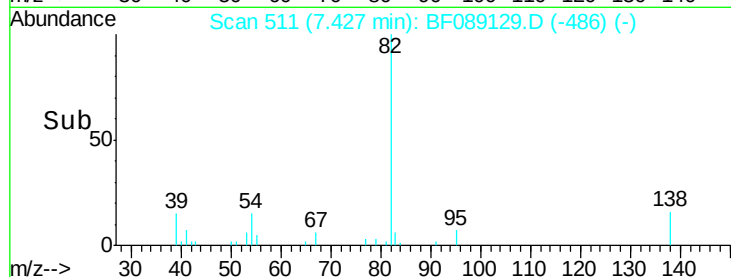
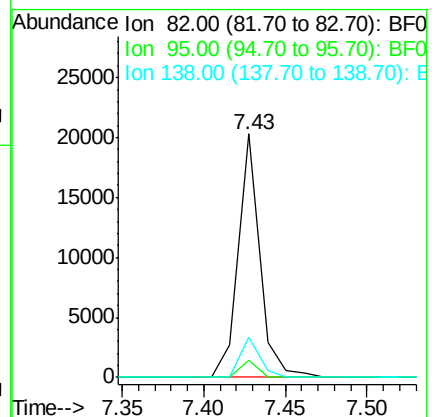
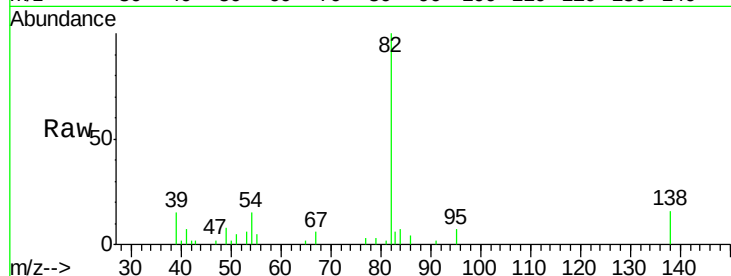
Tot Ion: 82 Resp: 18424

Ion Ratio Lower Upper

82 100

95 7.1 6.1 9.1

138 16.4 13.6 20.4



#26

2-Nitrophenol

Concen: 2.65 ng

RT: 7.51 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

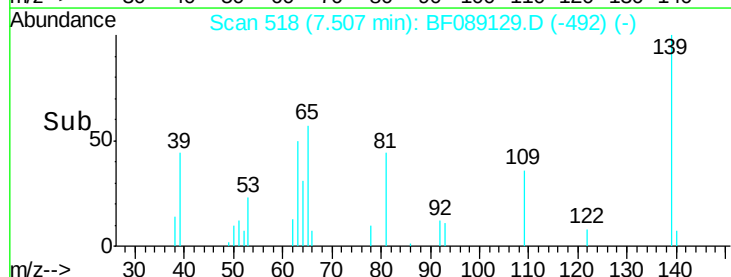
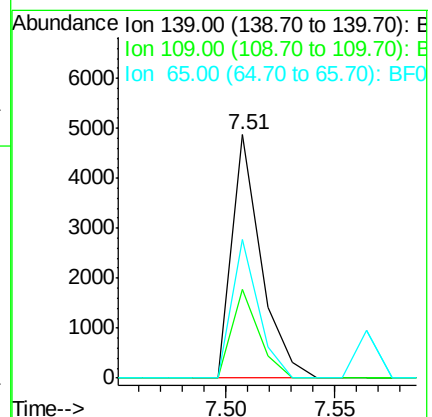
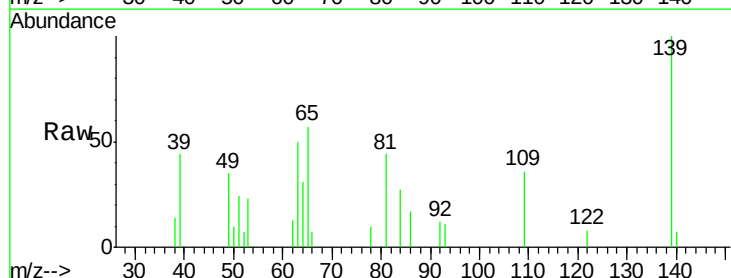
Tgt Ion: 139 Resp: 4533

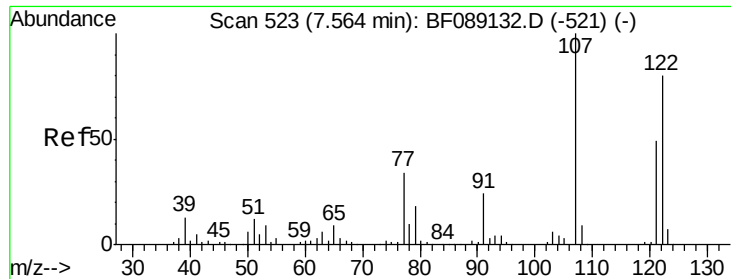
Ion Ratio Lower Upper

139 100

109 36.3 28.1 42.1

65 57.2 52.7 79.1





#27

2,4-Dimethylphenol

Concen: 2.54 ng

RT: 7.56 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampled :

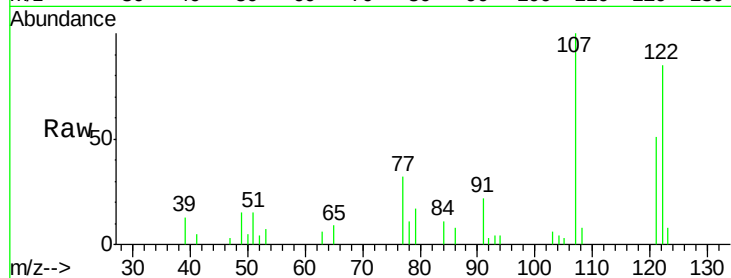
Tot Ion:122 Resp: 8649

Ion Ratio Lower Upper

122 100

107 118.1 99.7 149.5

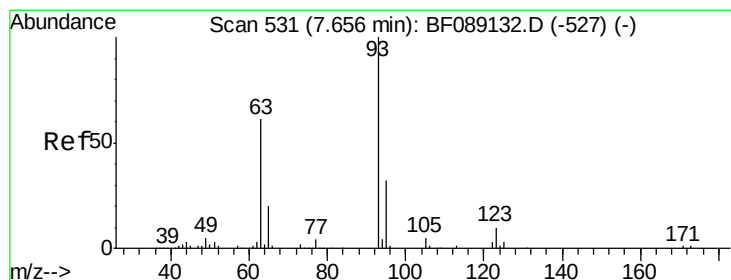
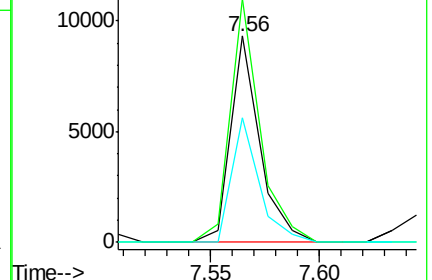
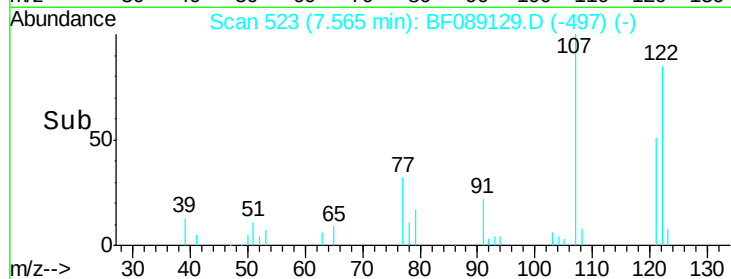
121 60.6 48.5 72.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.31 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

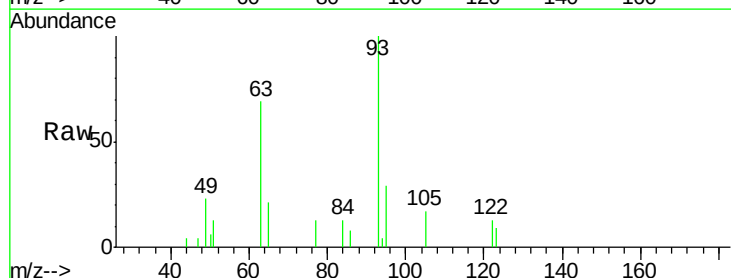
Tgt Ion: 93 Resp: 11343

Ion Ratio Lower Upper

93 100

95 29.4 25.4 38.0

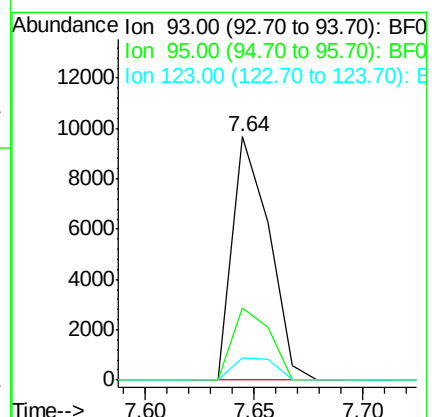
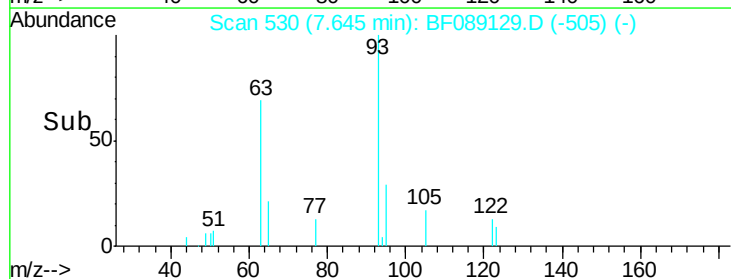
123 9.1 8.3 12.5

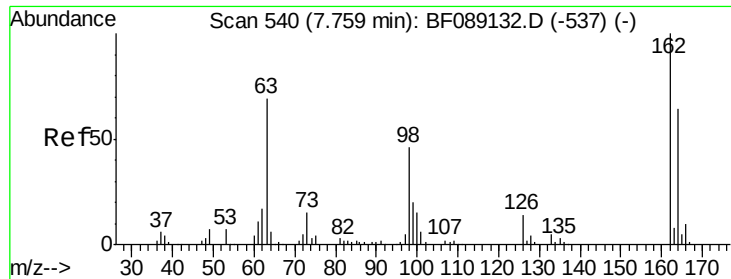


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

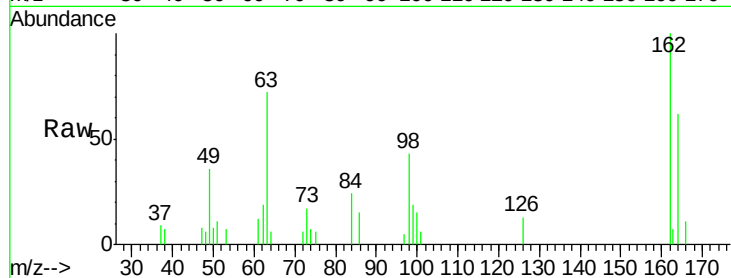




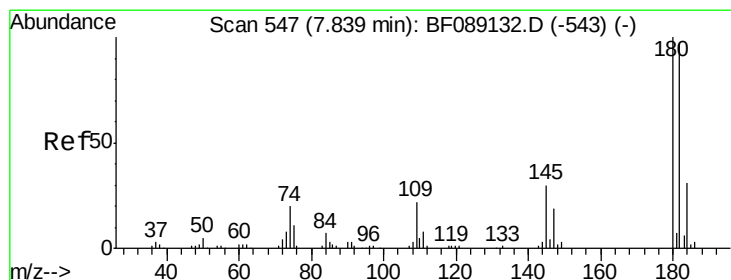
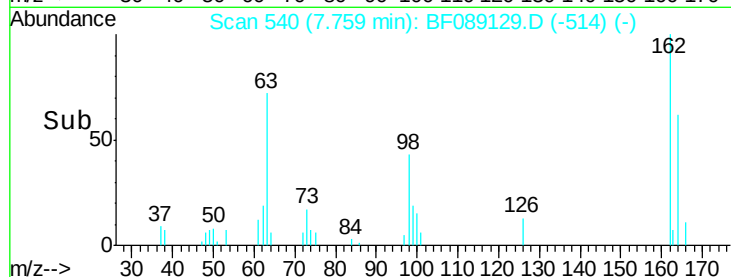
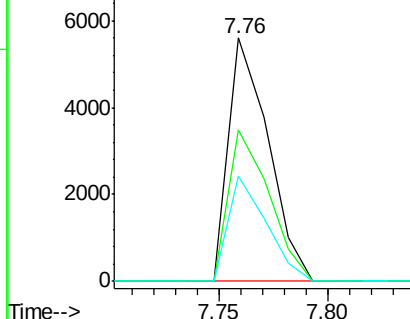
#29
2,4-Dichlorophenol
Concen: 2.51 ng
RT: 7.76 min Scan# 540
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 7145
Ion Ratio Lower Upper
162 100
164 62.1 44.0 84.0
98 43.3 26.0 66.0

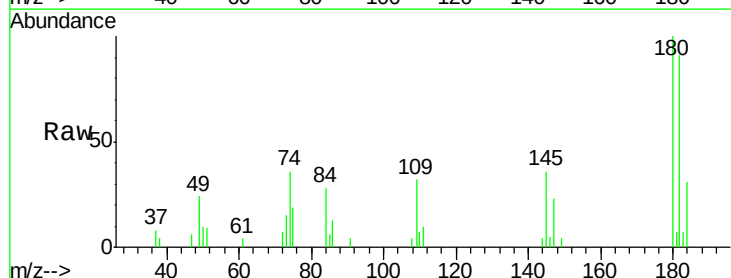


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

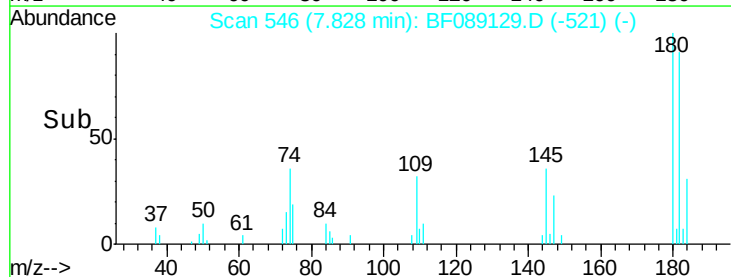
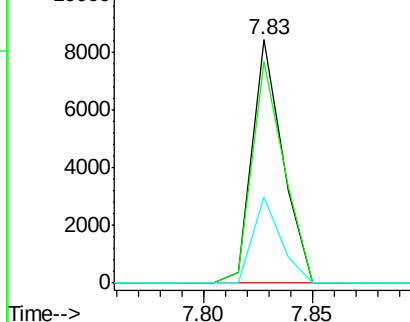


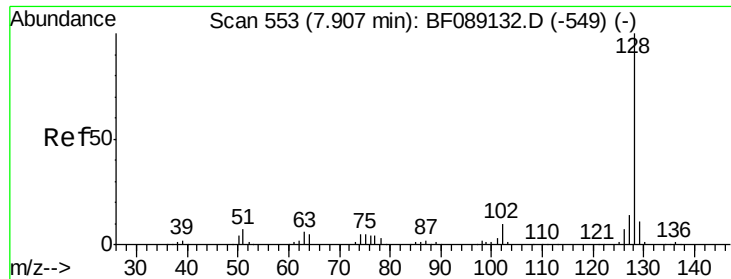
#30
1,2,4-Trichlorobenzene
Concen: 2.65 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:180 Resp: 8217
Ion Ratio Lower Upper
180 100
182 91.1 77.6 116.4
145 35.6 24.0 36.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

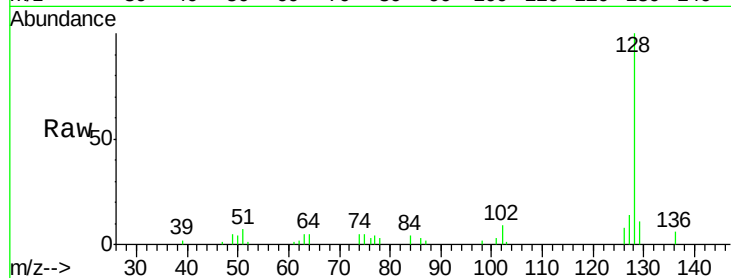




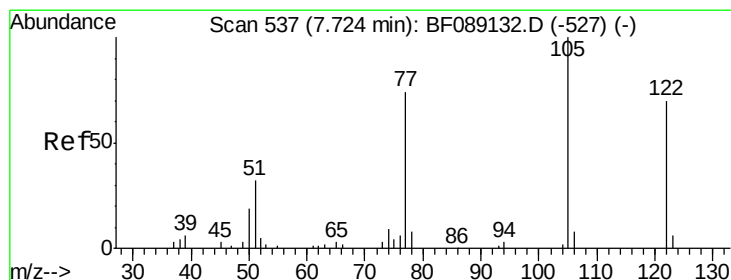
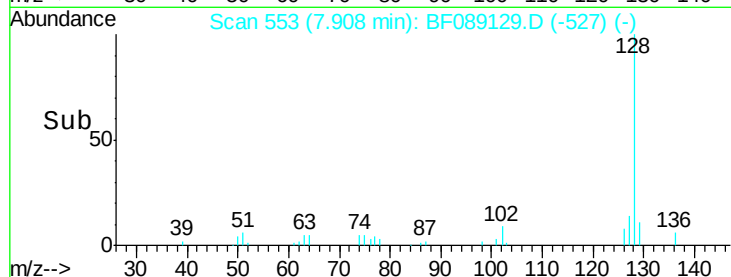
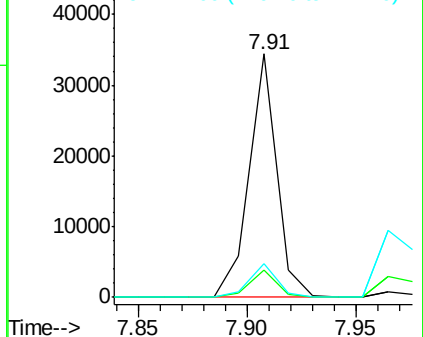
#31
Naphthalene
Concen: 2.92 ng
RT: 7.91 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 30475
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.7 10.8 16.2

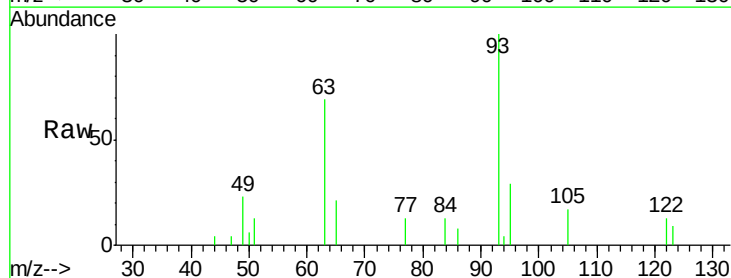


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

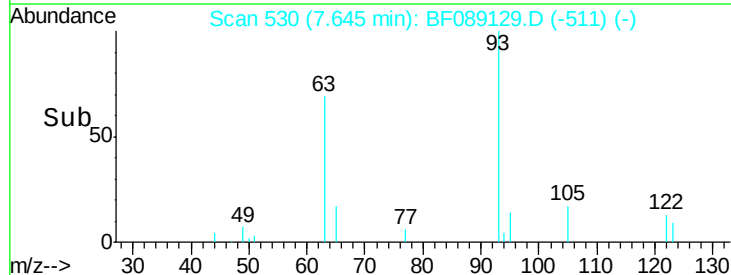
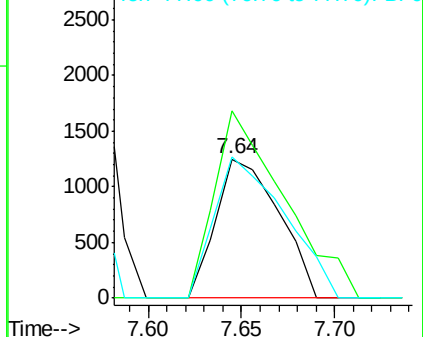


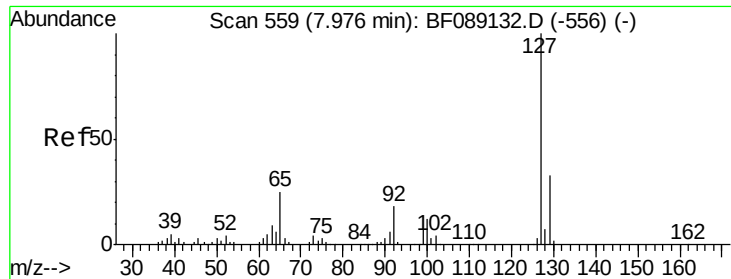
#32
Benzoic acid
Concen: 1.15 ng
RT: 7.64 min Scan# 530
Delta R.T. -0.08 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:122 Resp: 2929
Ion Ratio Lower Upper
122 100
105 134.7 119.0 159.0
77 101.4 84.7 124.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

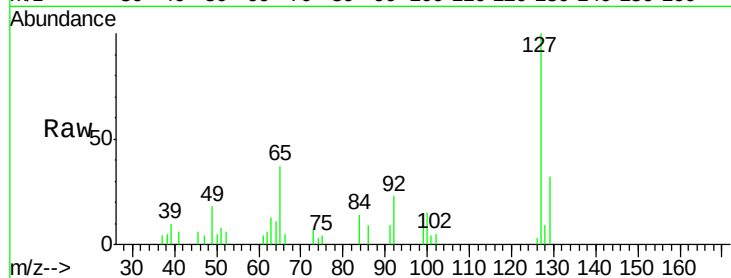




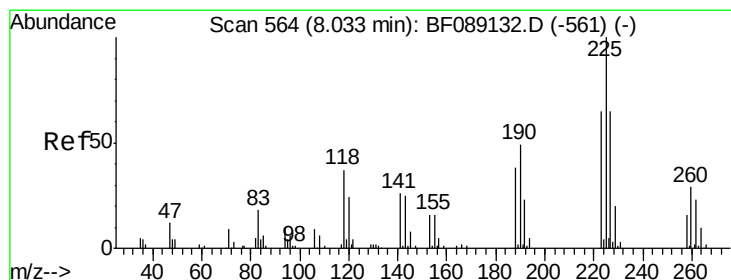
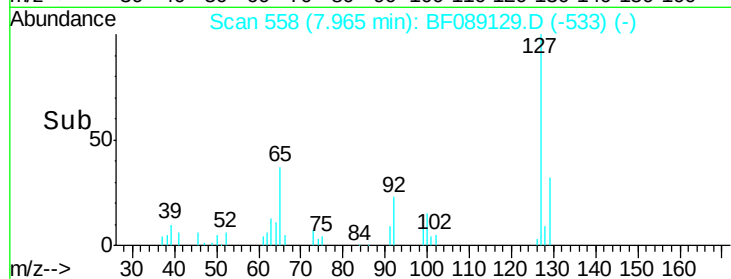
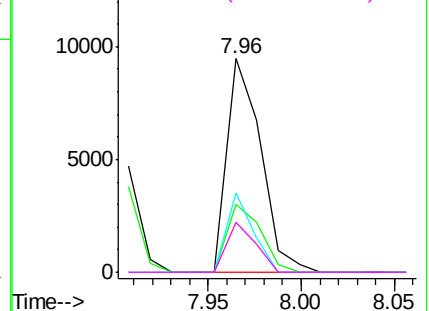
#33
4-Chloroaniline
Concen: 2.58 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	12016
Ion Ratio	Lower	Upper
127	100	
129	31.6	25.9 38.9
65	37.0	19.7 29.5#
92	23.3	14.3 21.5#

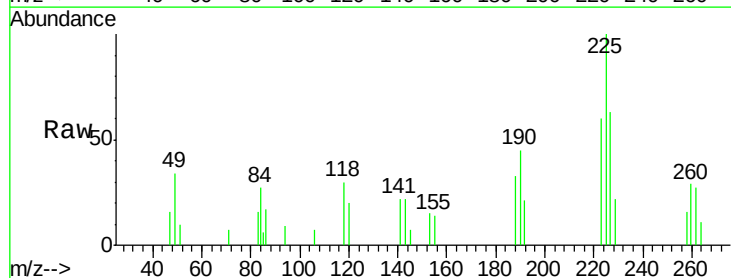


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

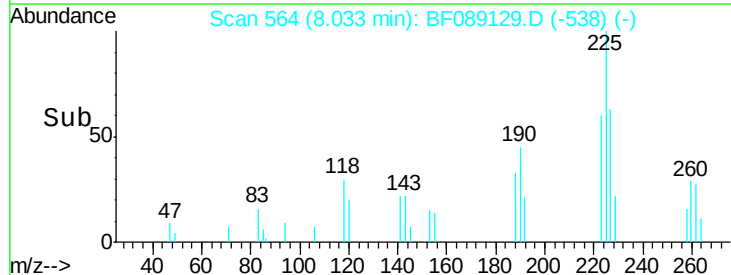
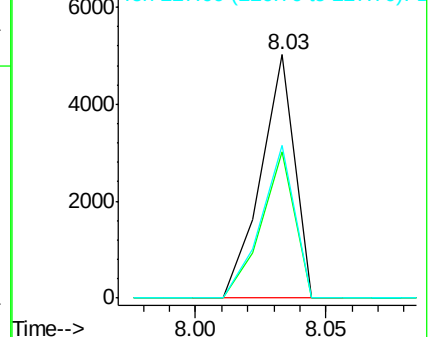


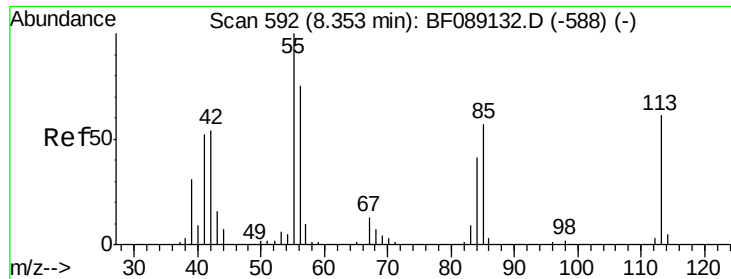
#34
Hexachlorobutadiene
Concen: 2.72 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:225	Resp:	4557
Ion Ratio	Lower	Upper
225	100	
223	59.9	51.6 77.4
227	62.6	51.6 77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

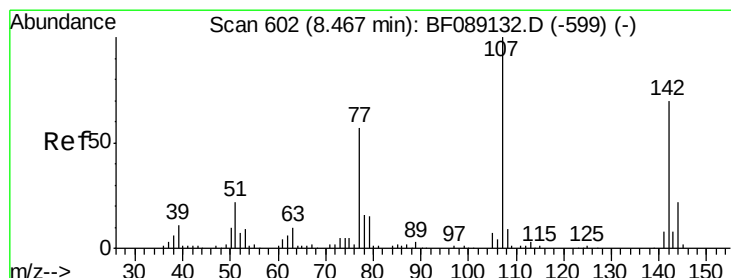
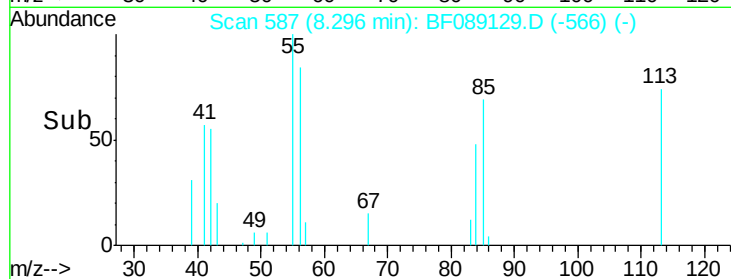
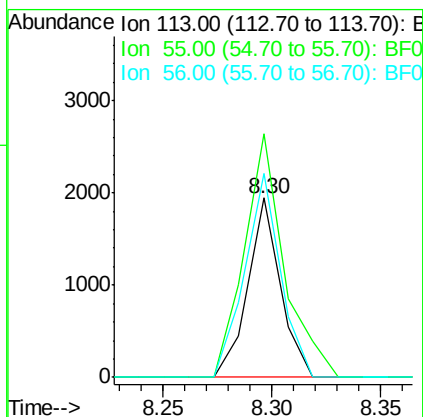
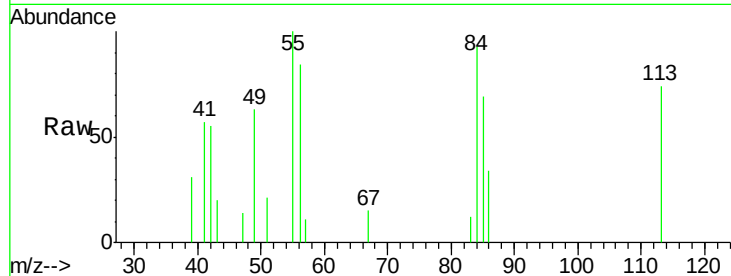




#35
 Caprolactam
 Concen: 2.13 ng
 RT: 8.30 min Scan# 587
 Delta R.T. -0.06 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

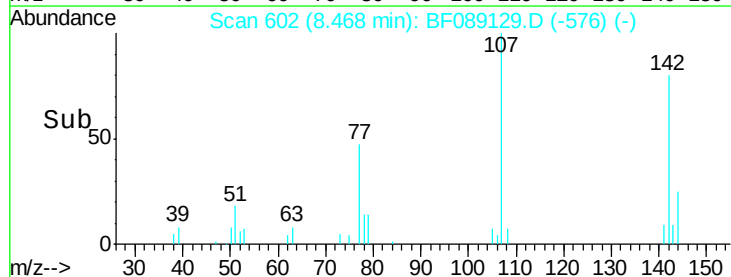
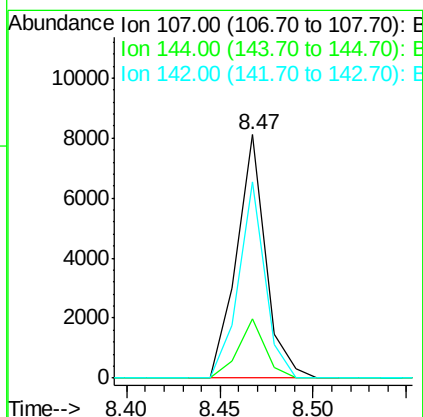
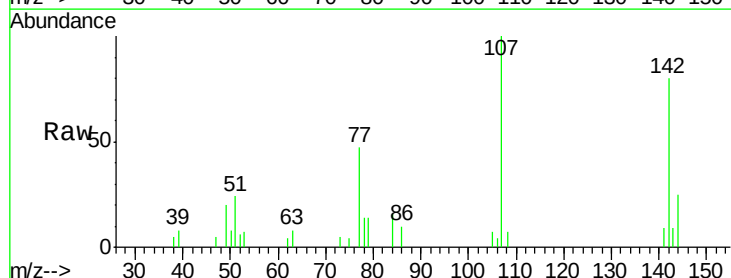
Instrument :
 BNA_F
 ClientSampleId :

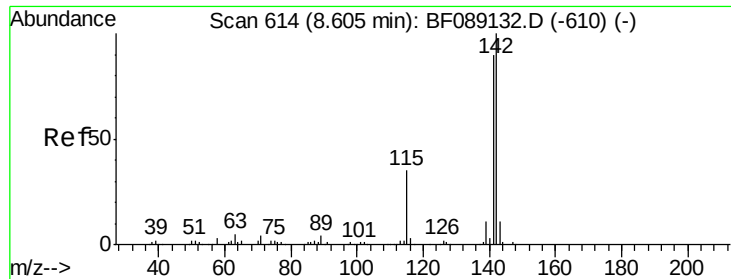
Tot Ion:113 Resp: 2011
 Ion Ratio Lower Upper
 113 100
 55 135.9 145.3 185.3#
 56 114.2 104.3 144.3



#36
 4-Chloro-3-methylphenol
 Concen: 2.64 ng
 RT: 8.47 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:107 Resp: 8828
 Ion Ratio Lower Upper
 107 100
 144 24.6 17.8 26.6
 142 80.4 56.1 84.1

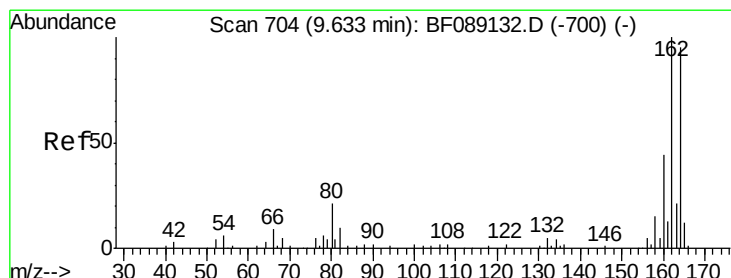
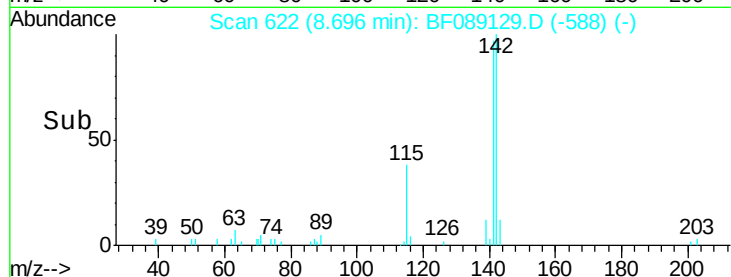
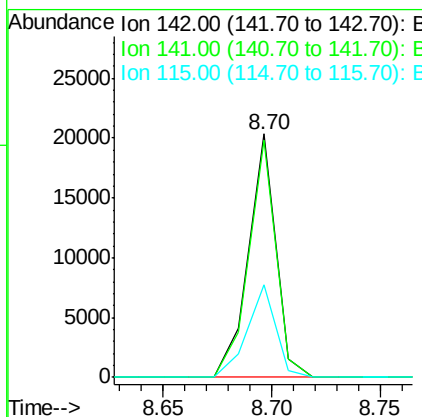
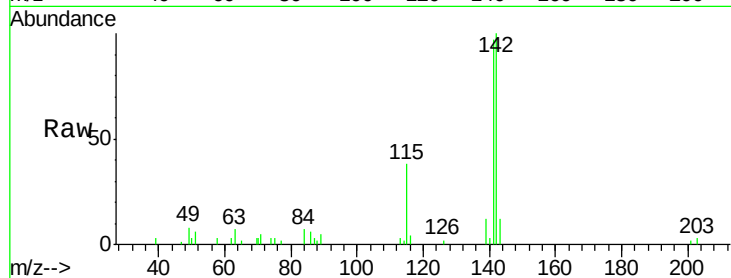




#37
2-Methylnaphthalene
Concen: 2.58 ng
RT: 8.70 min Scan# 622
Delta R.T. 0.09 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

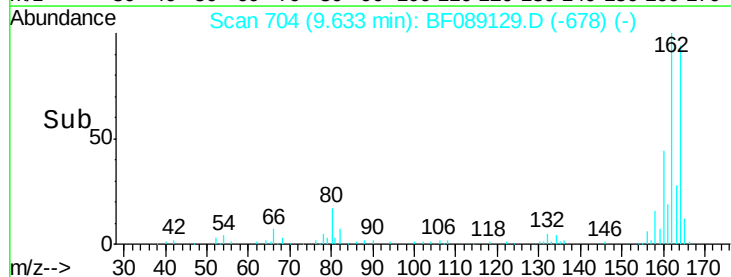
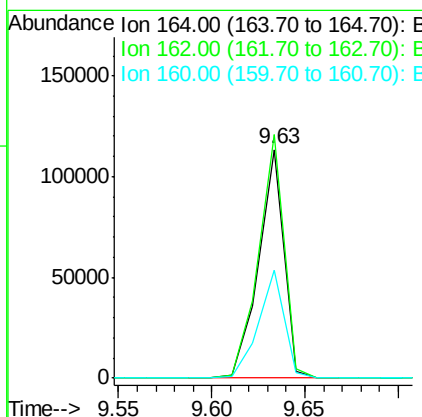
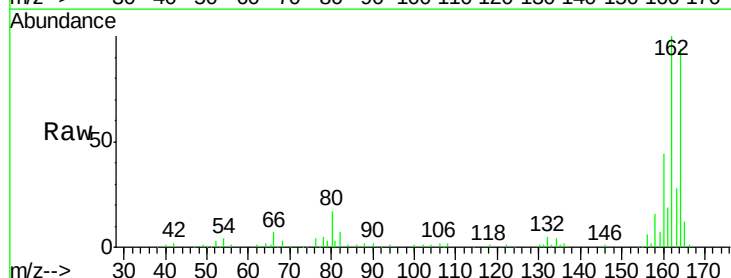
Instrument :
BNA_F
ClientSampleId :

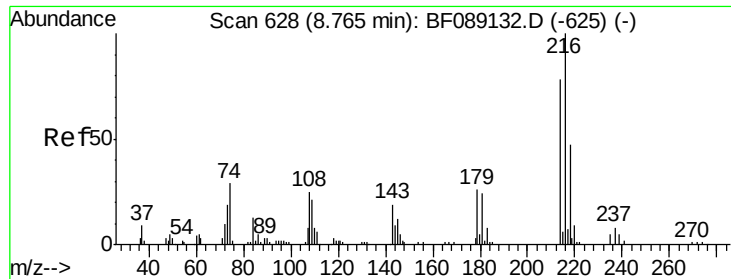
Tot Ion:142 Resp: 17823
Ion Ratio Lower Upper
142 100
141 97.2 71.6 107.4
115 38.1 27.6 41.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.63 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:164 Resp: 105204
Ion Ratio Lower Upper
164 100
162 106.6 84.1 126.1
160 47.0 37.1 55.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.92 ng

RT: 8.76 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 10210

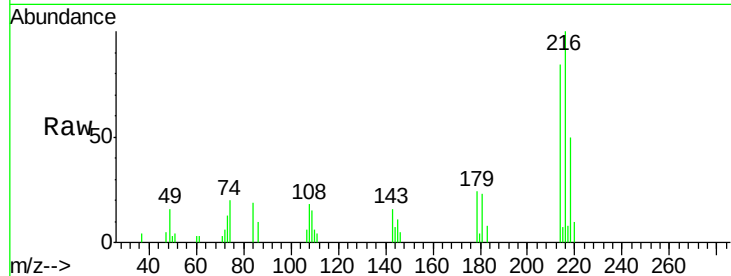
Ion Ratio Lower Upper

216 100

214 82.4 61.9 92.9

179 22.4 18.4 27.6

108 18.5 17.0 25.6

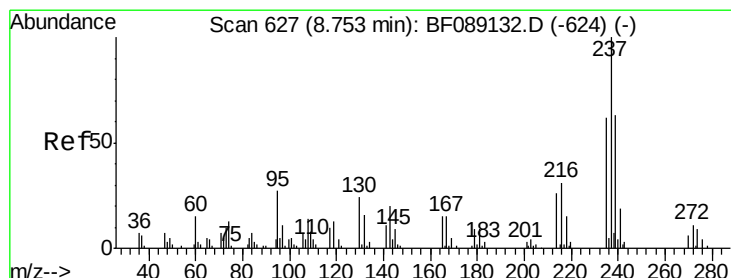
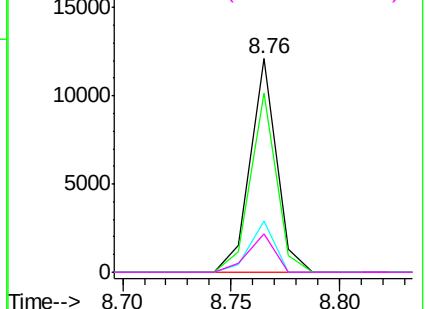
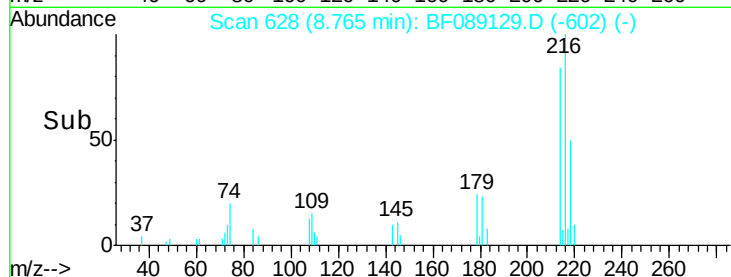


Abundance Ion 216.00 (215.70 to 216.70): E

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: 0.17 ng

RT: 8.75 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

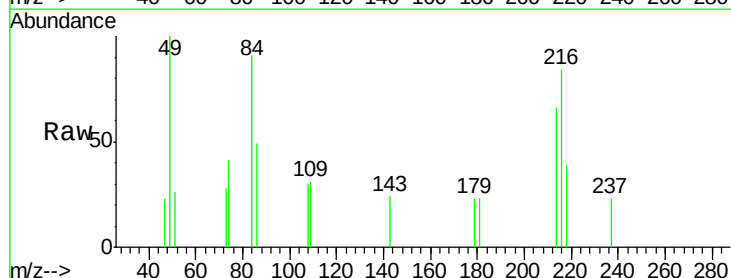
Tgt Ion:237 Resp: 278

Ion Ratio Lower Upper

237 100

235 0.0 42.1 82.1#

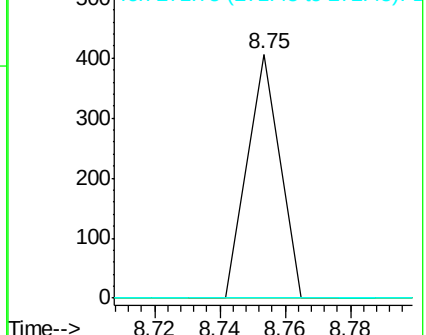
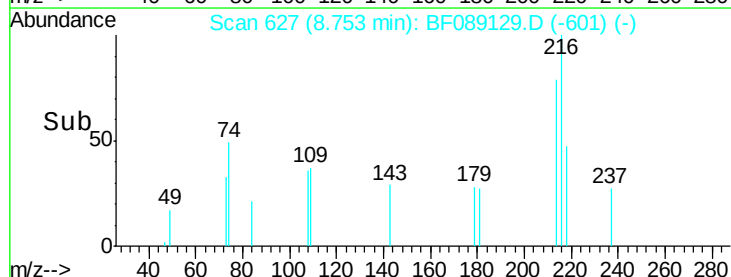
272 0.0 0.0 31.4

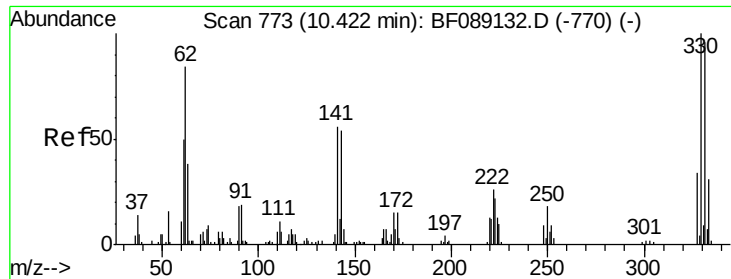


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

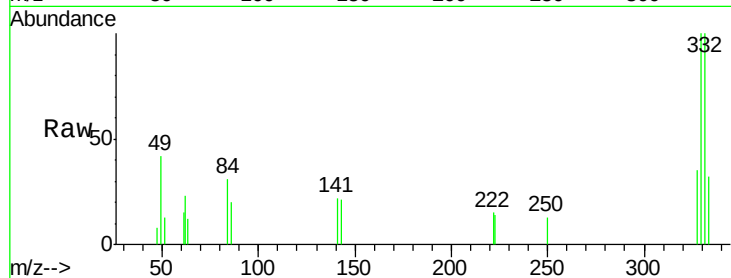




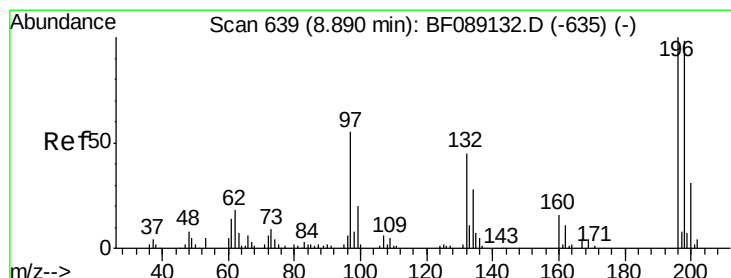
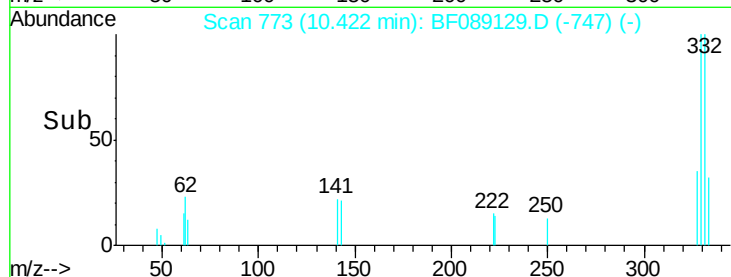
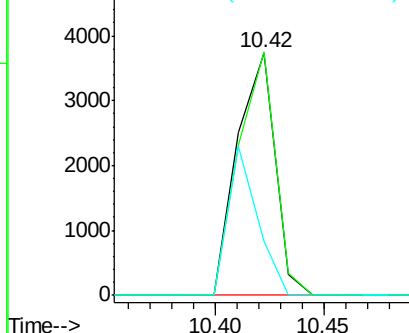
#41
 2,4,6-Tribromophenol
 Concen: 4.69 ng
 RT: 10.42 min Scan# 773
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 4505
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.2 115.8
 141 47.8 42.2 63.2

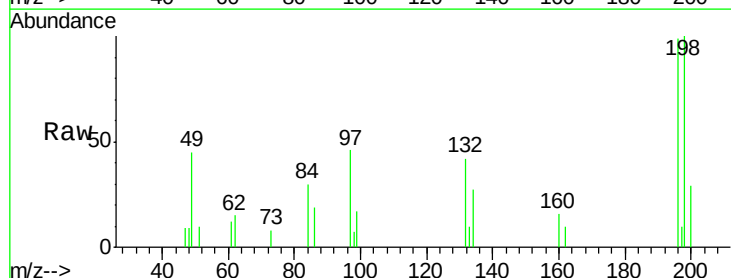


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

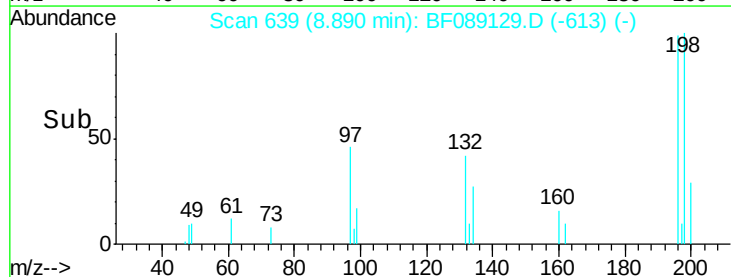
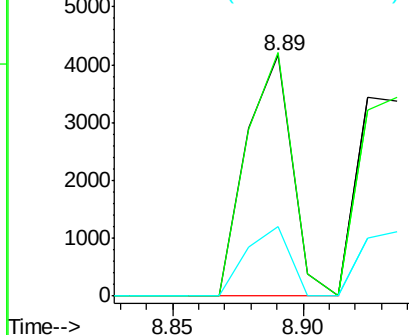


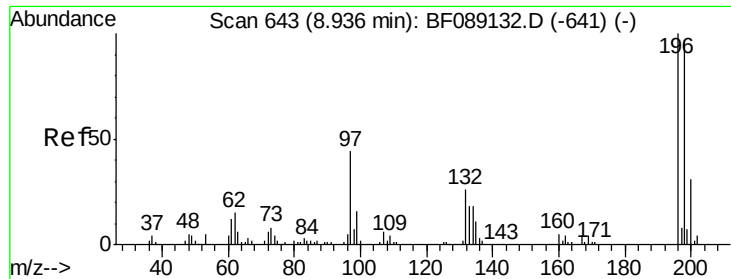
#42
 2,4,6-Trichlorophenol
 Concen: 2.20 ng
 RT: 8.89 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:196 Resp: 5113
 Ion Ratio Lower Upper
 196 100
 198 101.2 78.3 117.5
 200 29.0 25.0 37.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

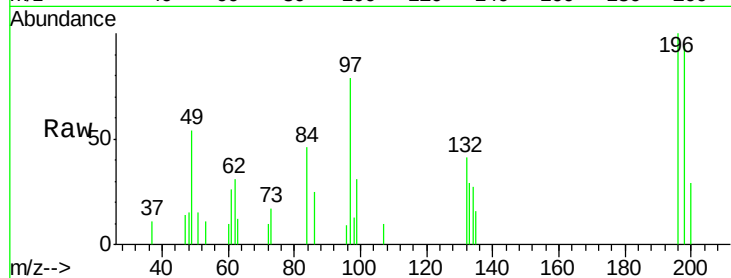




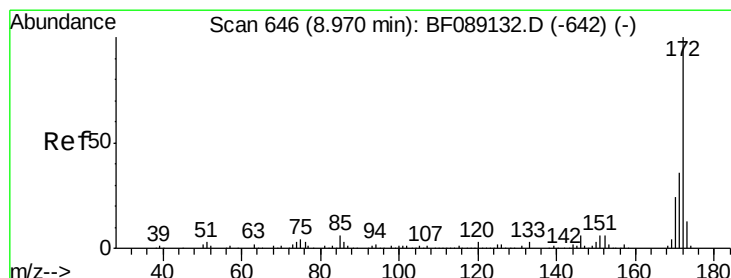
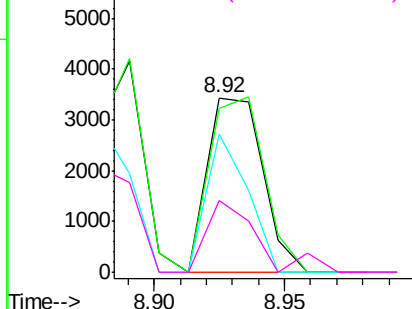
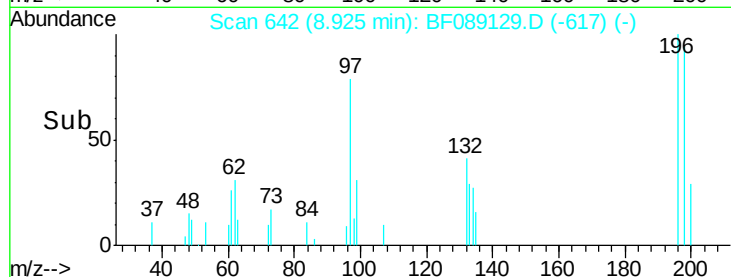
#43
 2,4,5-Trichlorophenol
 Concen: 2.53 ng
 RT: 8.92 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 5091
 Ion Ratio Lower Upper
 196 100
 198 94.0 77.6 116.4
 97 79.3 36.5 54.7#
 132 41.4 21.2 31.8#

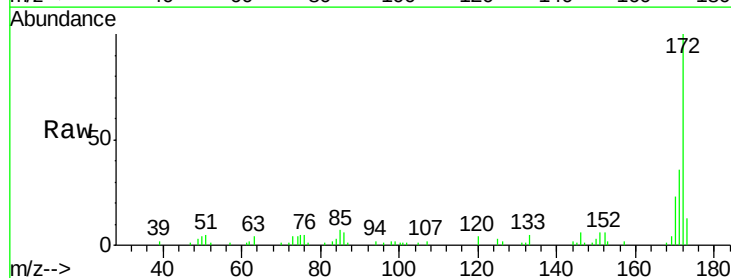


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

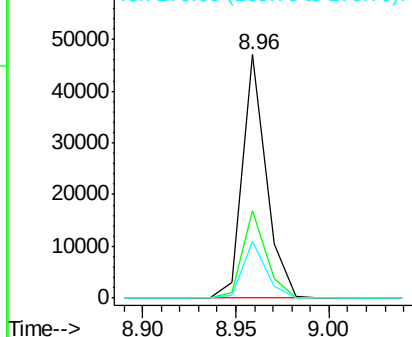
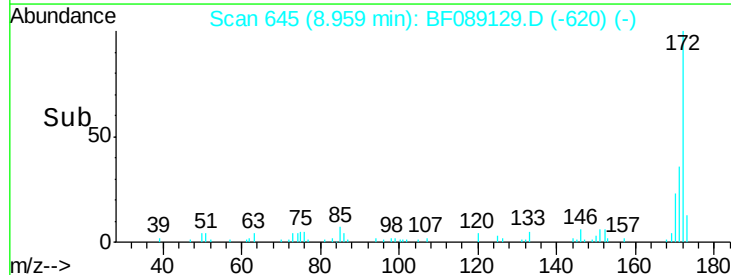


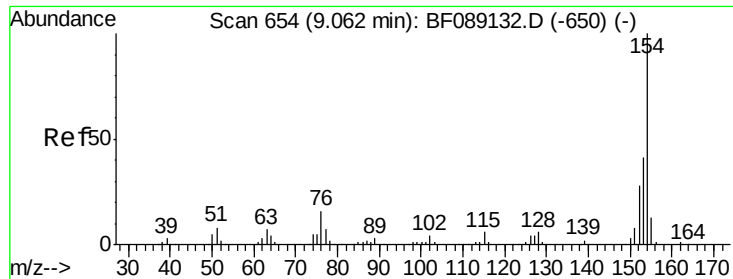
#44
 2-Fluorobiphenyl
 Concen: 5.99 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:172 Resp: 41846
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.3 19.1 28.7



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

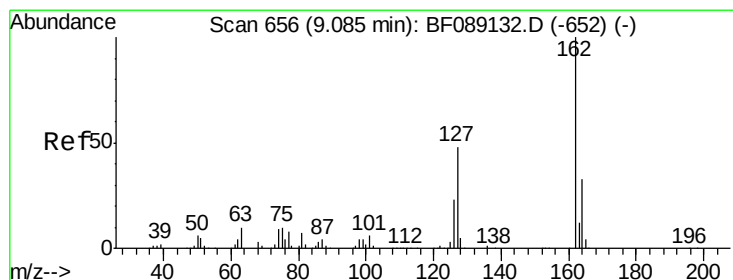
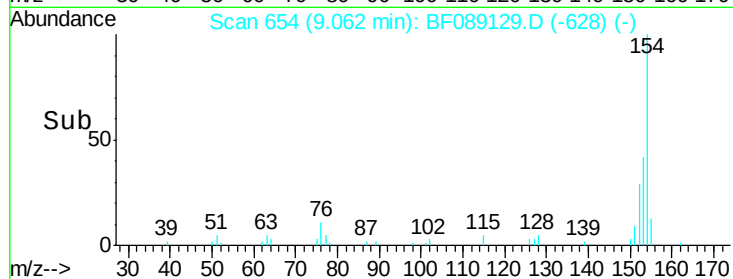
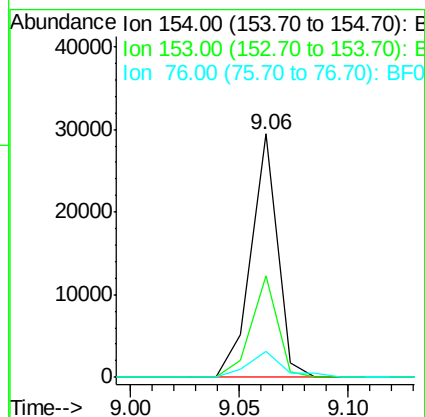
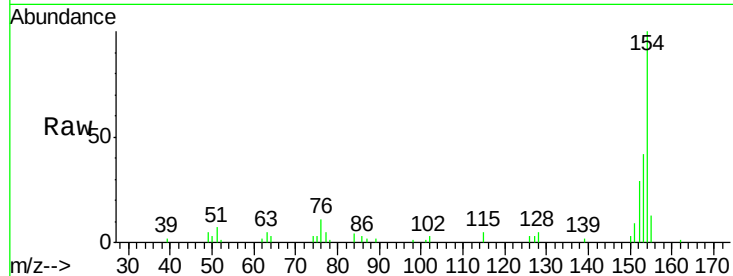




#45
 1,1'-Biphenyl
 Concen: 2.87 ng
 RT: 9.06 min Scan# 654
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

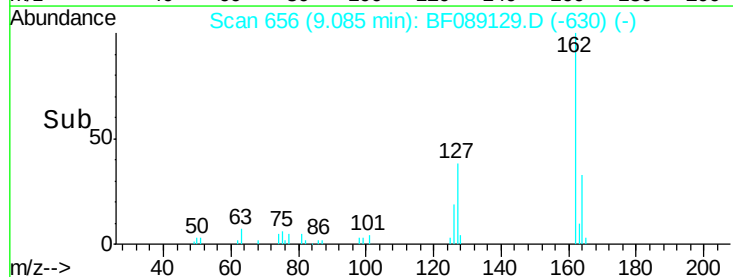
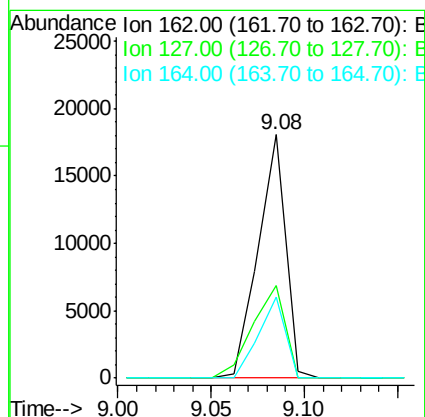
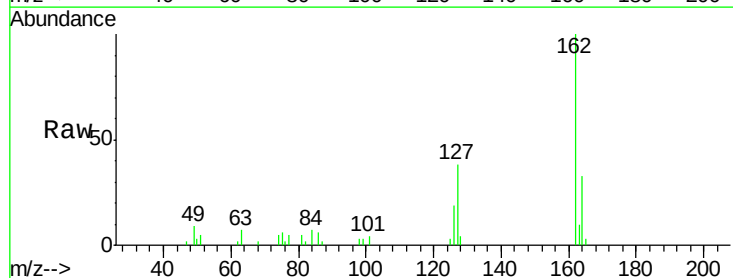
Instrument :
 BNA_F
 ClientSampleId :

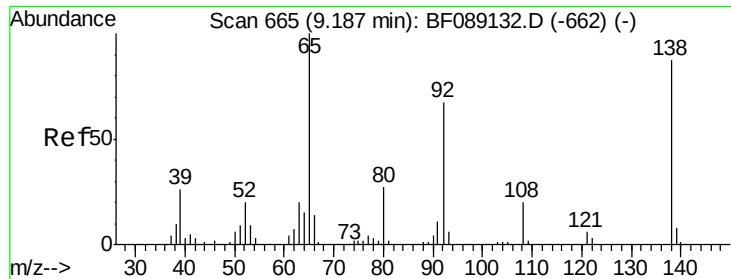
Tot Ion:154 Resp: 24864
 Ion Ratio Lower Upper
 154 100
 153 41.9 21.1 61.1
 76 10.8 0.0 35.8



#46
 2-Chloronaphthalene
 Concen: 2.71 ng
 RT: 9.08 min Scan# 656
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:162 Resp: 18436
 Ion Ratio Lower Upper
 162 100
 127 37.9 38.1 57.1#
 164 33.1 26.1 39.1

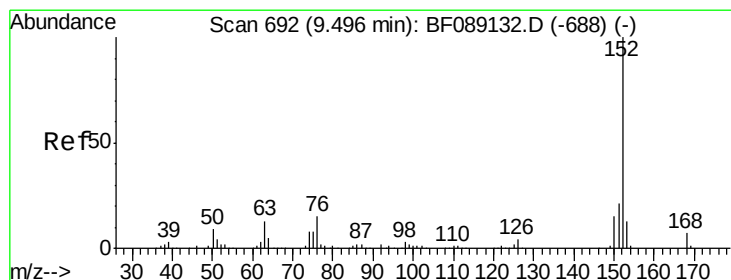
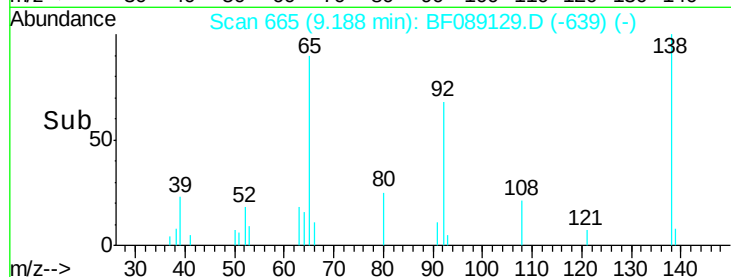
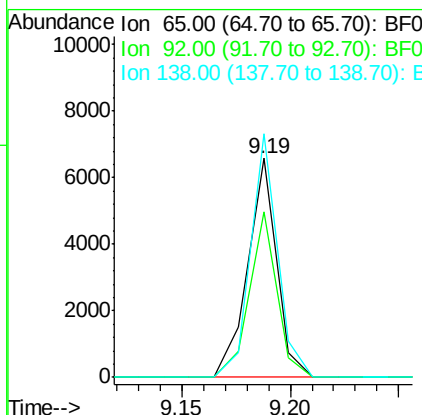
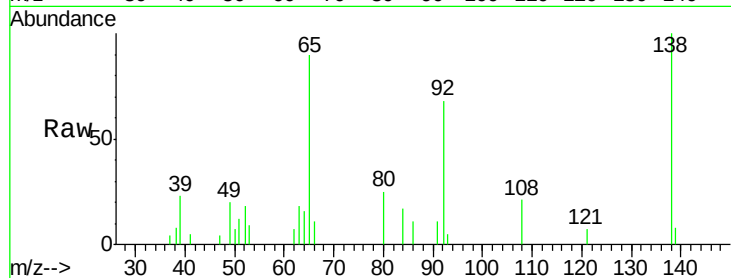




#47
2-Nitroaniline
Concen: 2.55 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

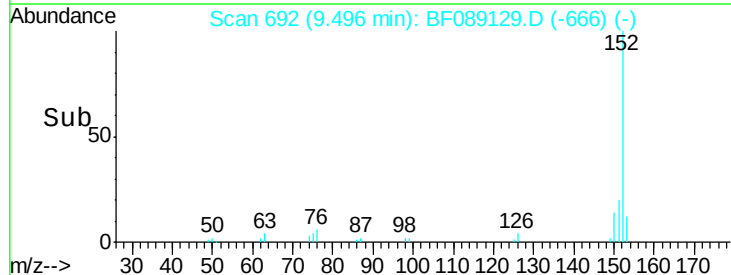
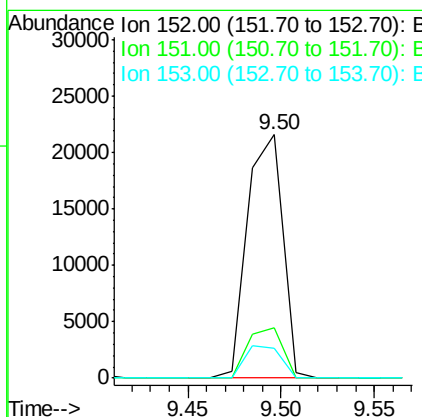
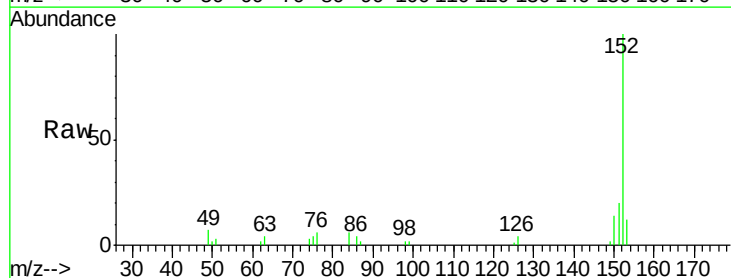
Instrument :
BNA_F
ClientSampleId :

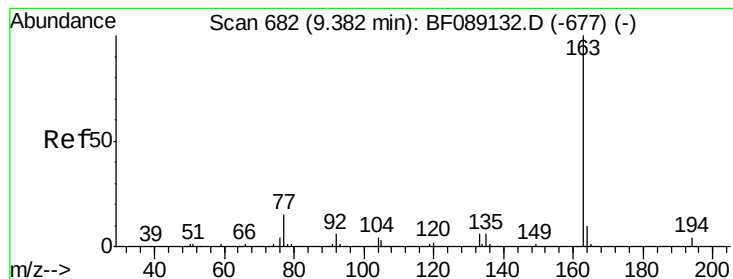
Tot Ion: 65 Resp: 6062
Ion Ratio Lower Upper
65 100
92 75.5 53.2 79.8
138 111.1 69.4 104.2#



#48
Acenaphthylene
Concen: 2.60 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:152 Resp: 28251
Ion Ratio Lower Upper
152 100
151 20.4 16.5 24.7
153 12.4 10.7 16.1





#49

Dimethylphthalate

Concen: 2.58 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

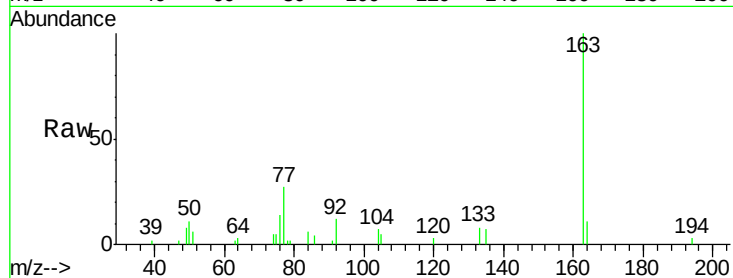
Tot Ion:163 Resp: 19891

Ion Ratio Lower Upper

163 100

194 2.8 2.9 4.3#

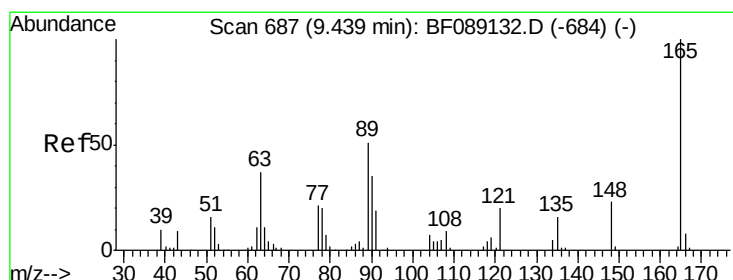
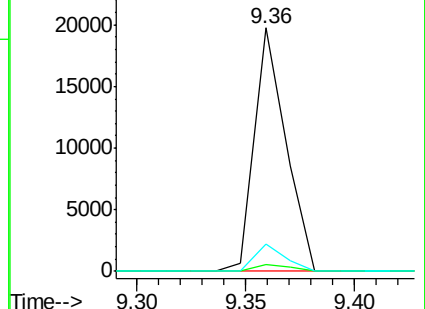
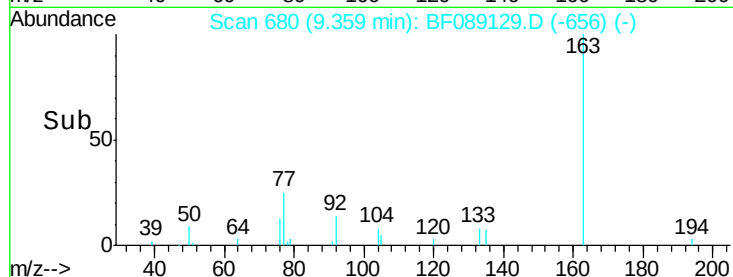
164 11.3 7.6 11.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 2.66 ng

RT: 9.43 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

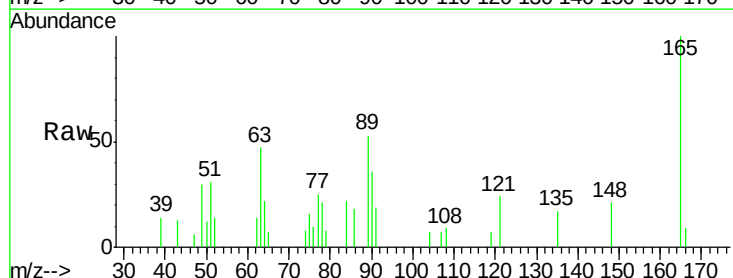
Tgt Ion:165 Resp: 4557

Ion Ratio Lower Upper

165 100

63 46.7 37.0 55.4

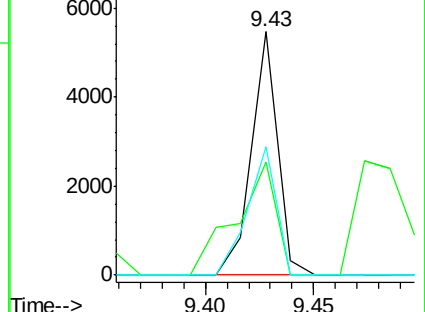
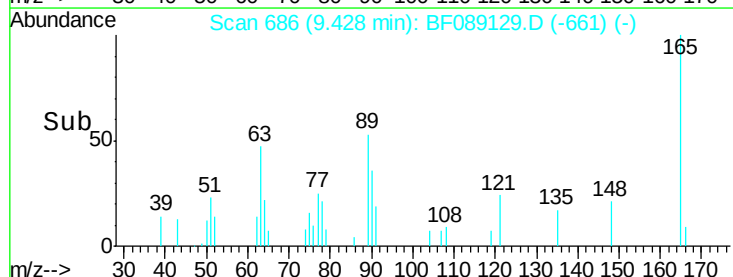
89 52.8 40.9 61.3

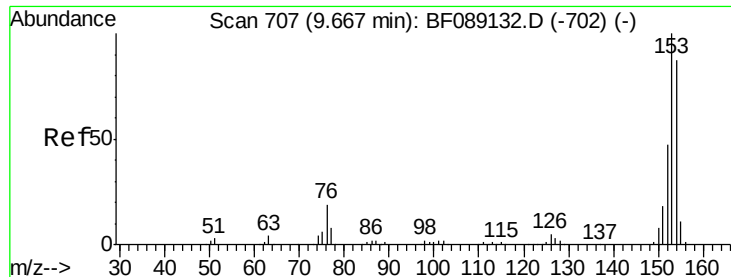


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

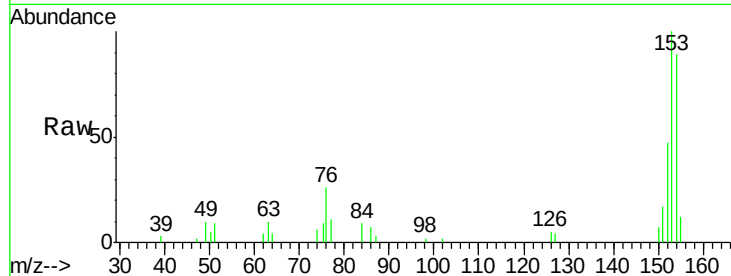




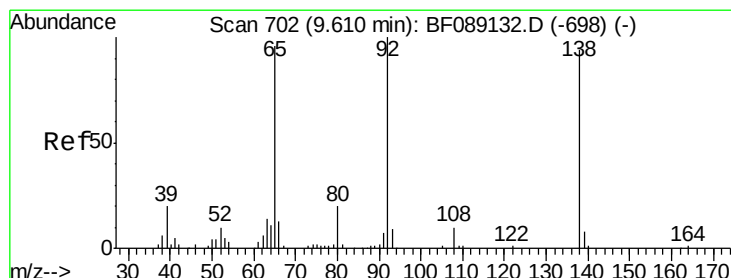
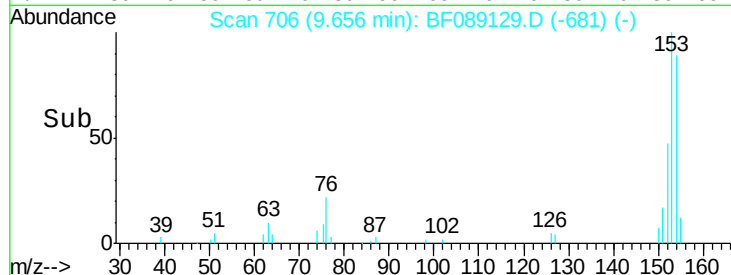
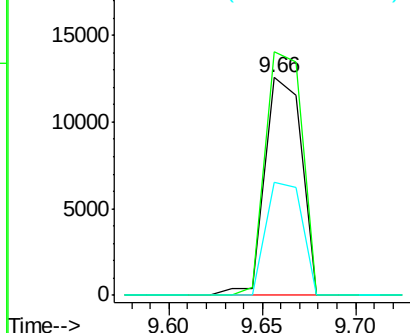
#51
Acenaphthene
Concen: 2.56 ng
RT: 9.66 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:154 Resp: 17078
Ion Ratio Lower Upper
154 100
153 111.9 91.9 137.9
152 52.2 42.8 64.2

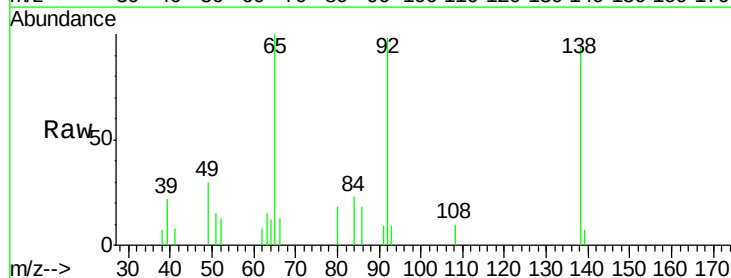


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

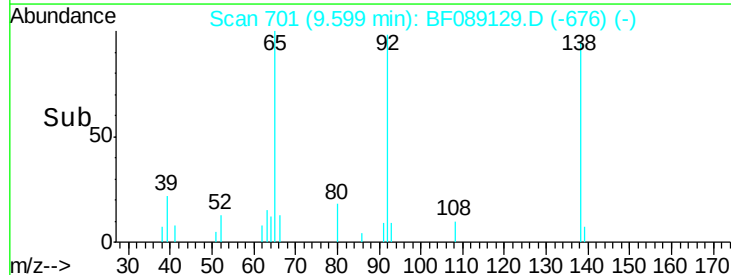
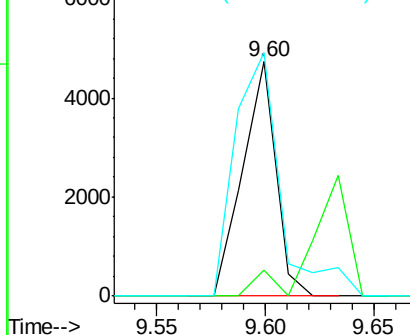


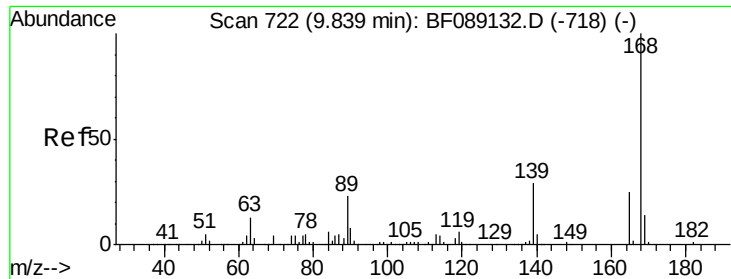
#52
3-Nitroaniline
Concen: 2.39 ng
RT: 9.60 min Scan# 701
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:138 Resp: 5014
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 103.8 85.3 127.9



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

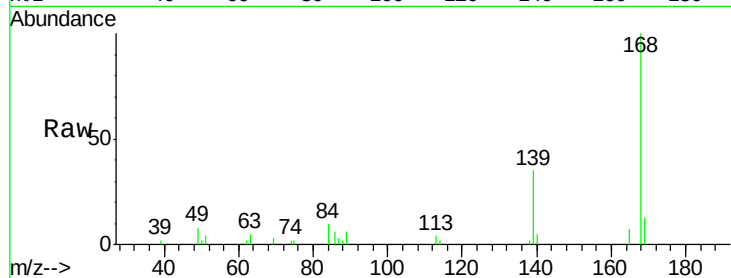




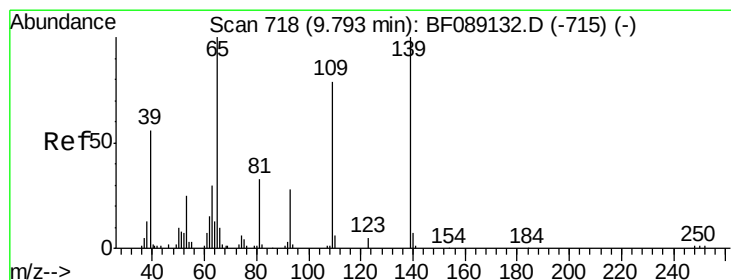
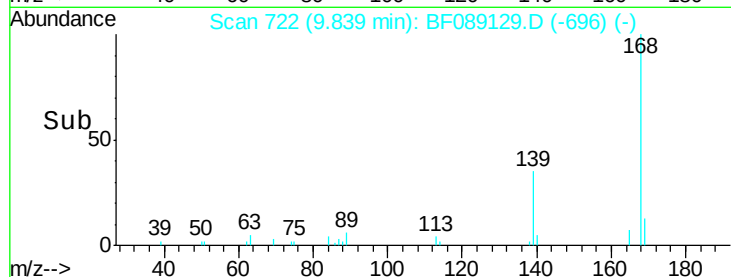
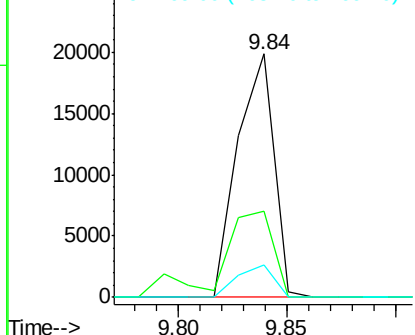
#54
Dibenzofuran
Concen: 2.63 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 22984
Ion Ratio Lower Upper
168 100
139 35.5 34.4 51.6
169 13.2 10.8 16.2

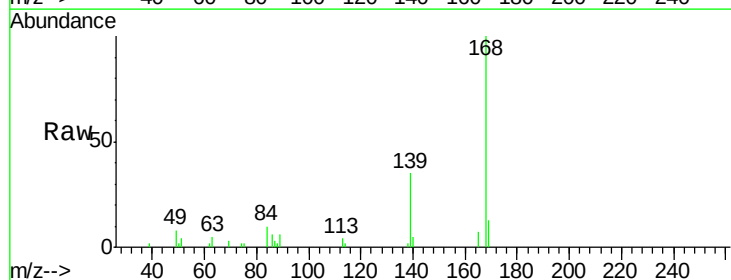


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

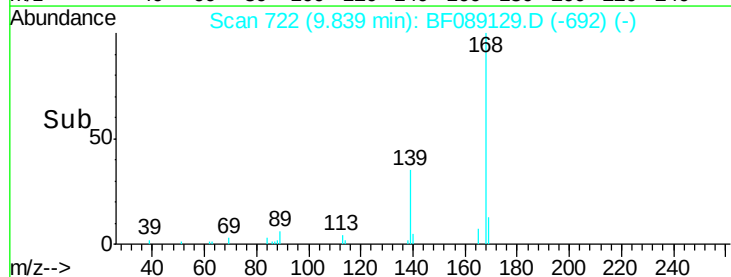
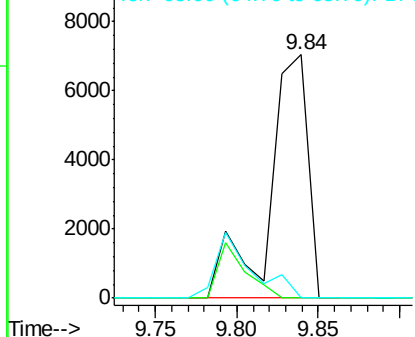


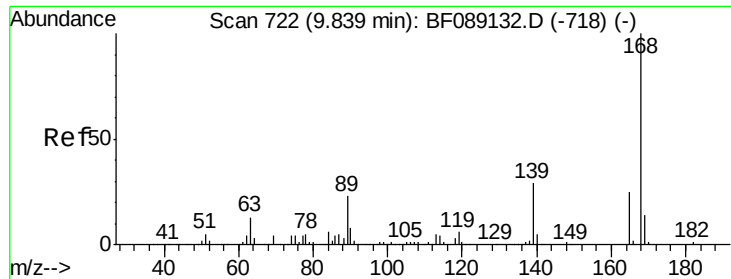
#55
4-Nitrophenol
Concen: 7.47 ng
RT: 9.84 min Scan# 722
Delta R.T. 0.05 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:139 Resp: 11607
Ion Ratio Lower Upper
139 100
109 0.0 58.7 98.7#
65 0.0 80.2 120.2#



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

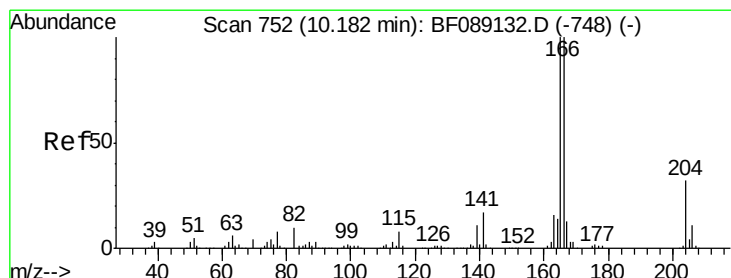
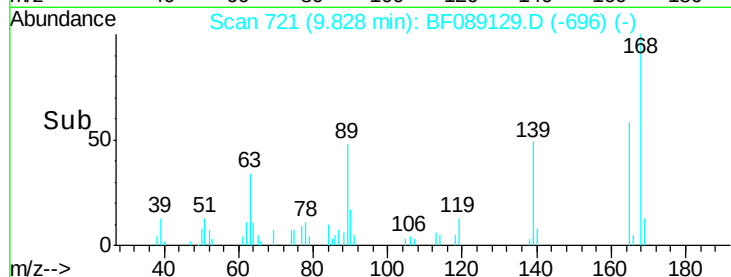
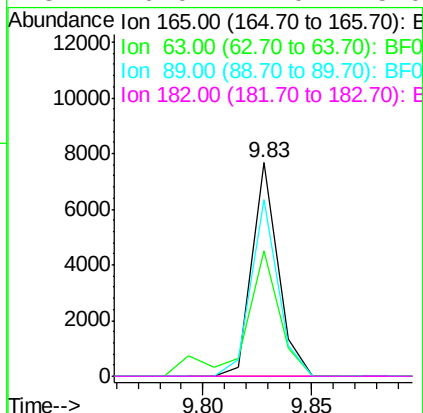
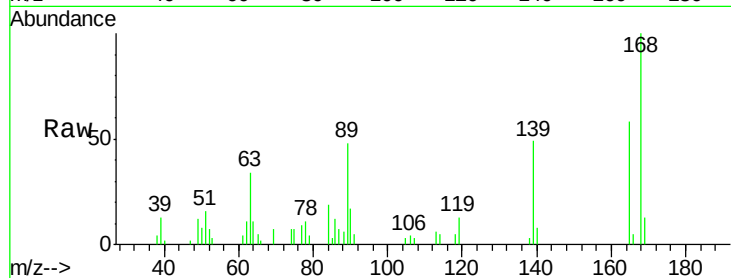




#56
2,4-Dinitrotoluene
Concen: 2.90 ng
RT: 9.83 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

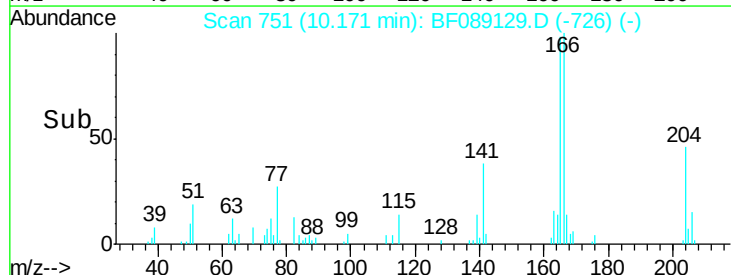
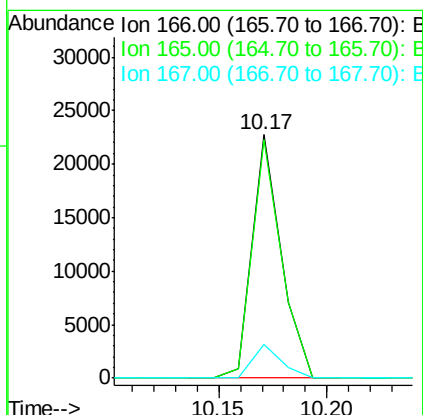
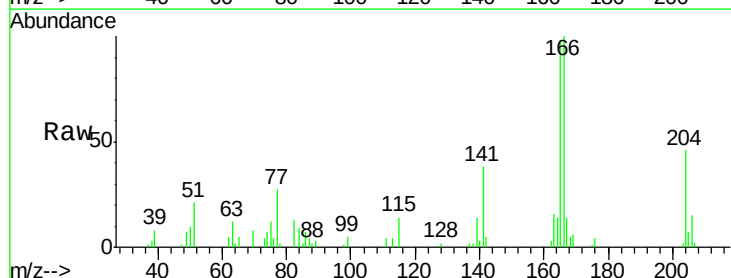
Instrument :
BNA_F
ClientSampled :

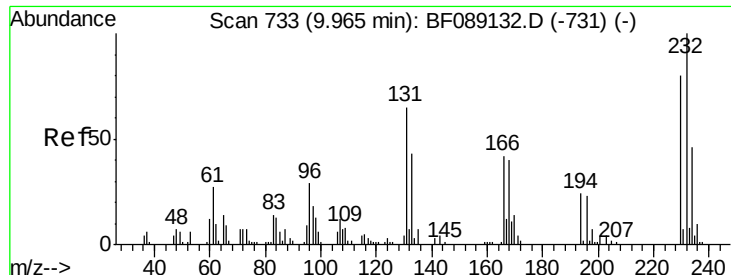
Tot Ion:165 Resp: 6416
Ion Ratio Lower Upper
165 100
63 58.7 55.4 83.2
89 82.5 74.3 111.5
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 3.02 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:166 Resp: 21069
Ion Ratio Lower Upper
166 100
165 98.1 79.9 119.9
167 14.0 10.7 16.1

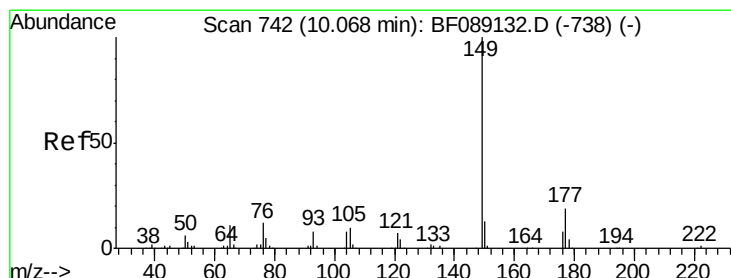
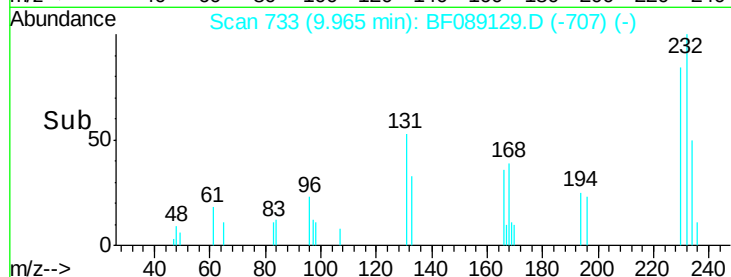
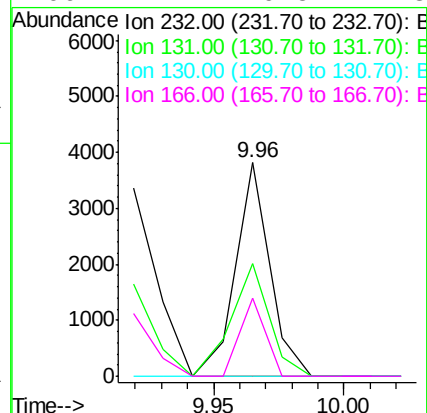
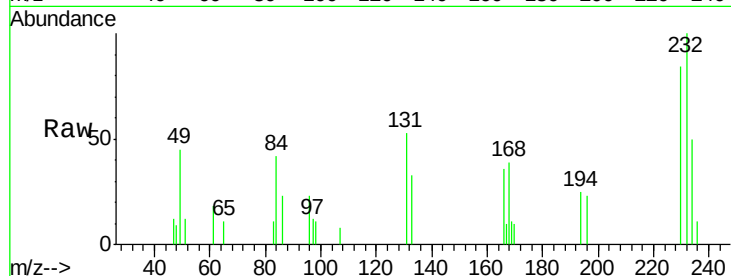




#58
2,3,4,6-Tetrachlorophenol
Concen: 2.27 ng
RT: 9.96 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

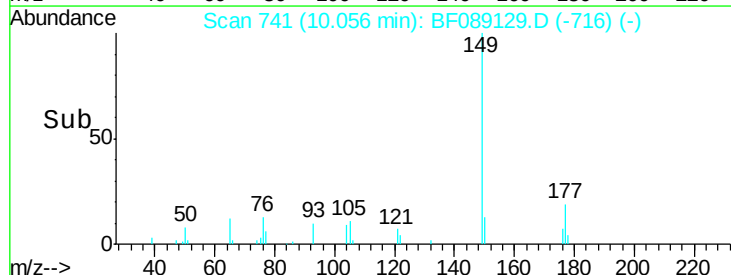
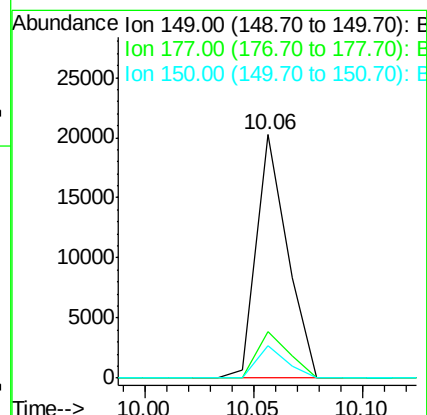
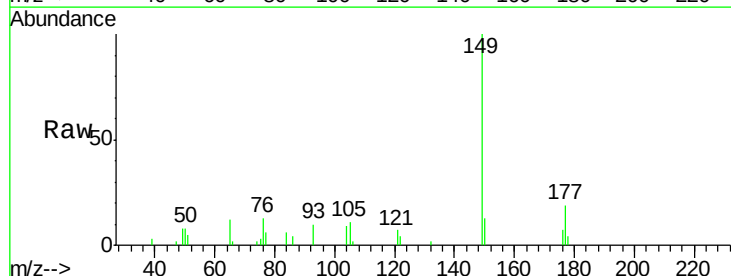
Instrument :
BNA_F
ClientSampled :

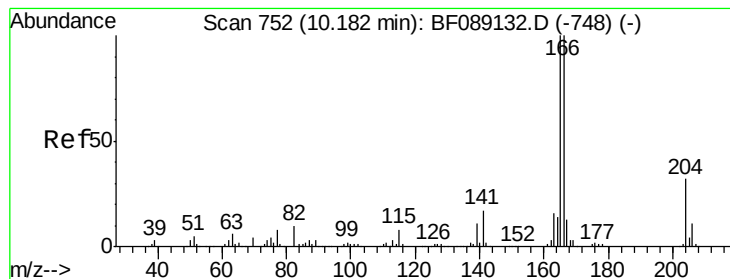
Tot Ion:232 Resp: 3512
Ion Ratio Lower Upper
232 100
131 59.1 46.2 69.2
130 0.0 2.3 3.5#
166 27.1 29.5 44.3#



#59
Diethylphthalate
Concen: 2.67 ng
RT: 10.06 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:149 Resp: 20098
Ion Ratio Lower Upper
149 100
177 18.9 15.6 23.4
150 13.3 10.1 15.1





#60

4-Chlorophenyl-phenylether

Concen: 2.93 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

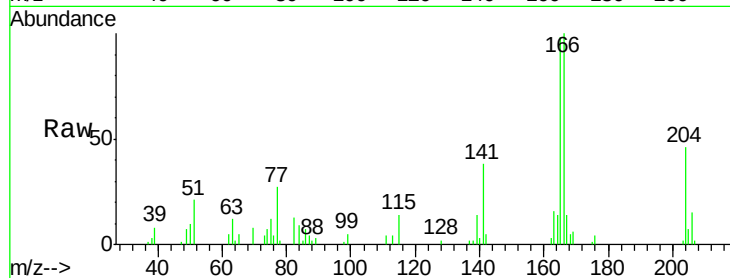
Tot Ion:204 Resp: 9353

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

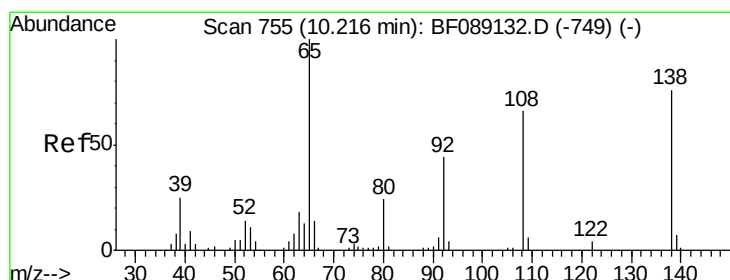
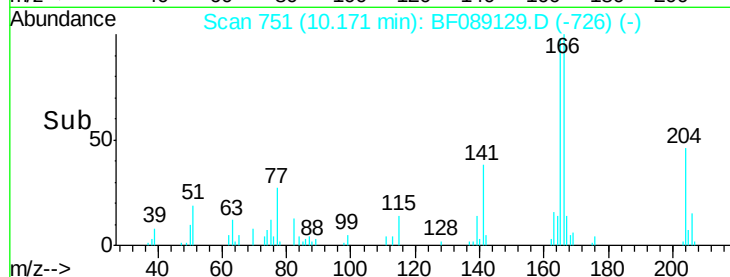
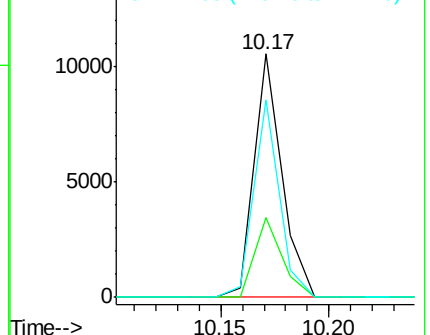
141 81.1 42.2 63.4#



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61

4-Nitroaniline

Concen: 2.29 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

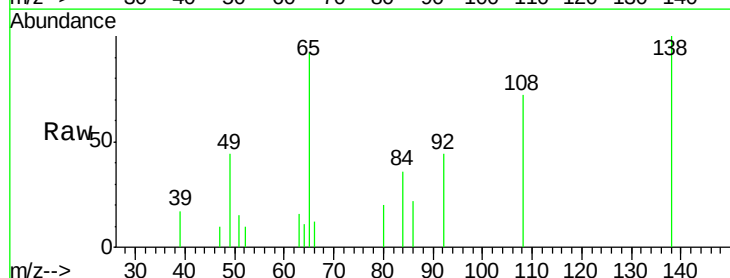
Tgt Ion:138 Resp: 4720

Ion Ratio Lower Upper

138 100

92 43.7 37.2 77.2

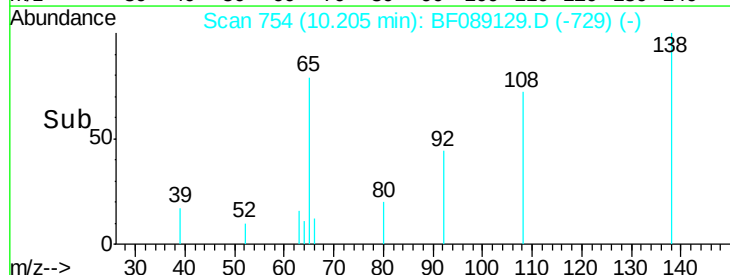
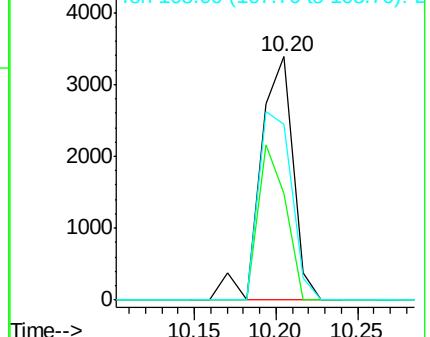
108 72.1 66.1 106.1

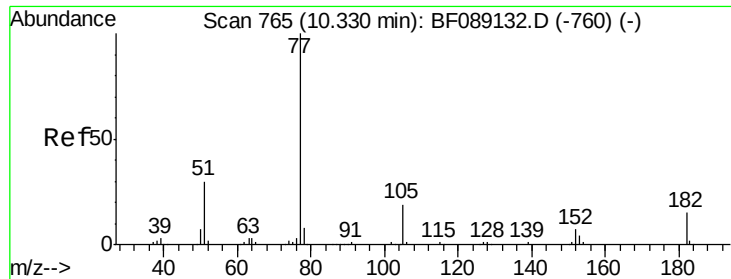


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 2.62 ng

RT: 10.33 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 22382

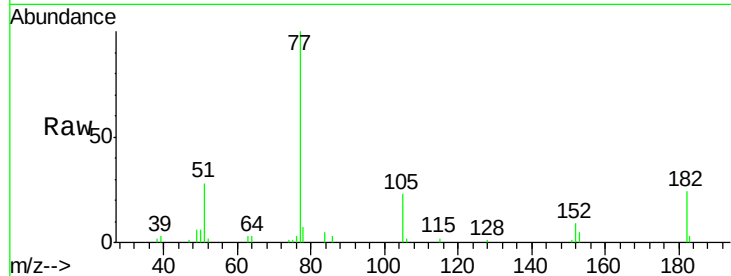
Ion Ratio Lower Upper

77 100

182 23.6 0.0 35.0

105 23.4 0.0 39.4

51 28.3 10.7 50.7

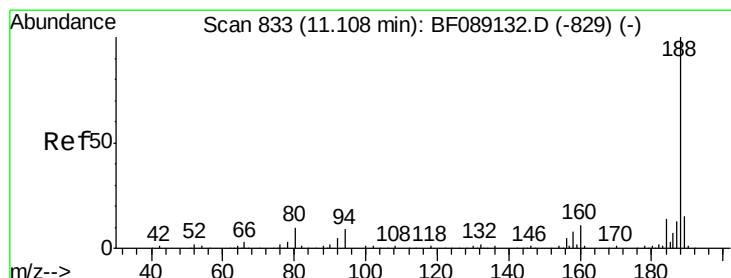
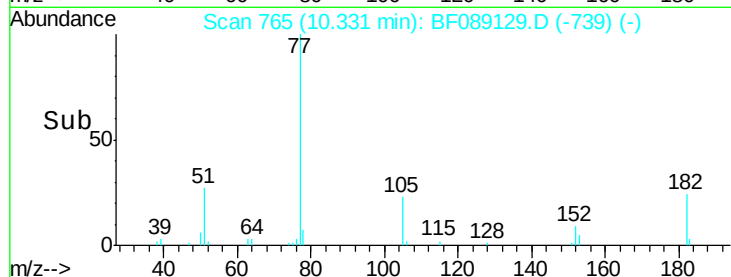
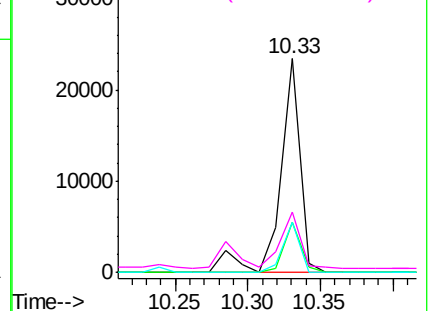


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.11 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

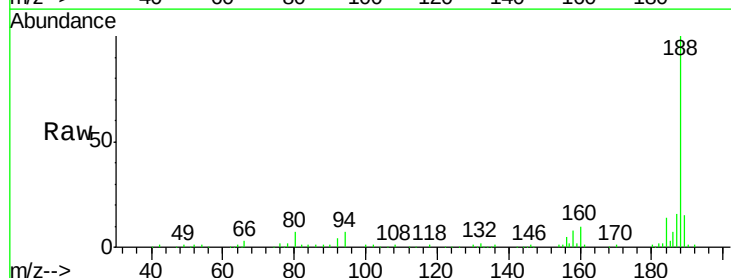
Tgt Ion: 188 Resp: 209660

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.4#

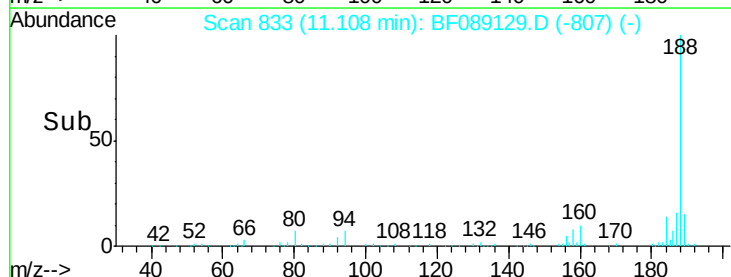
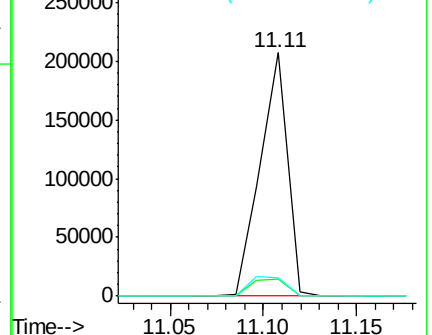
80 7.4 7.7 11.5#

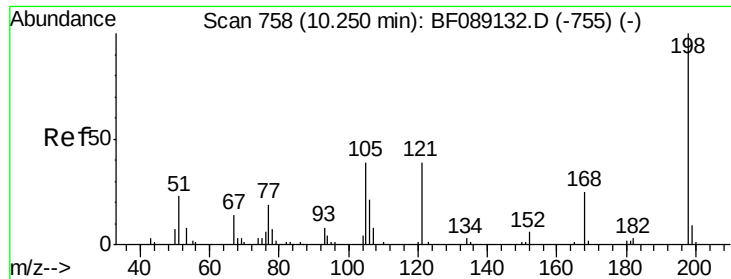


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

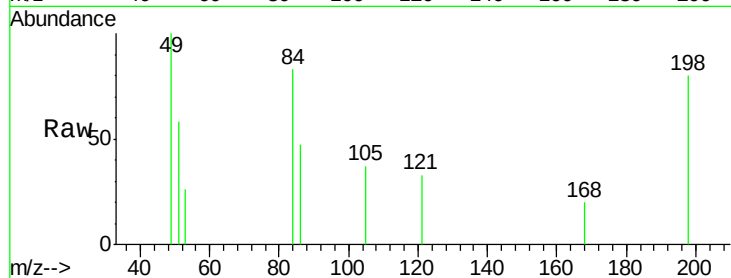




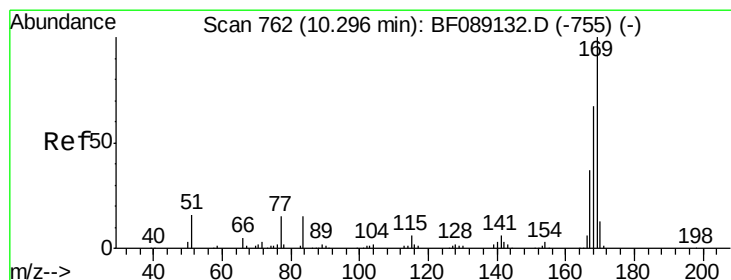
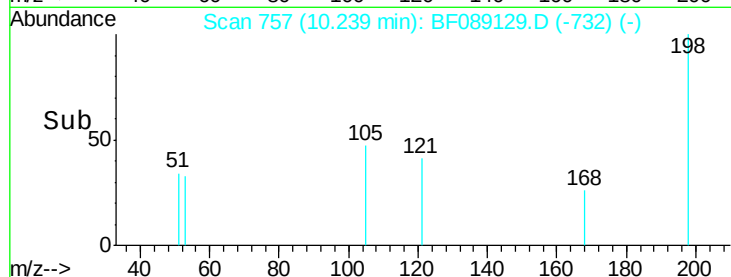
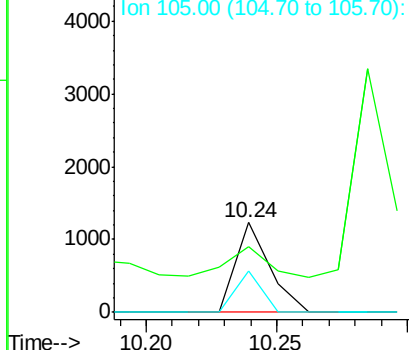
#64
 4,6-Dinitro-2-methylphenol
 Concen: 0.98 ng
 RT: 10.24 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 1112
 Ion Ratio Lower Upper
 198 100
 51 73.2 11.7 51.7#
 105 46.8 20.3 60.3

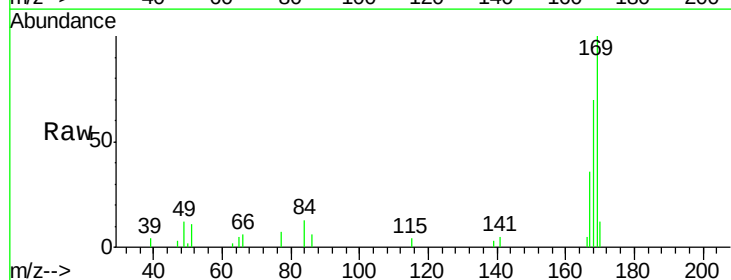


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

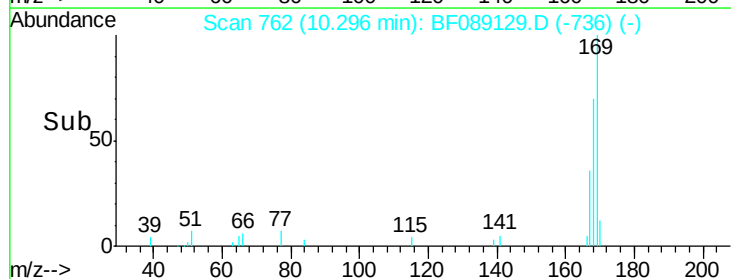
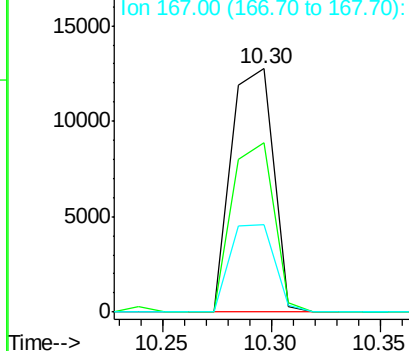


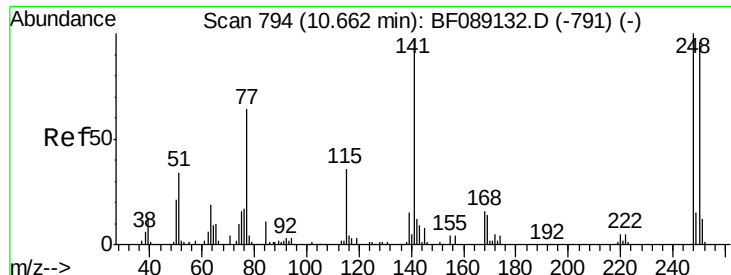
#65
 n-Nitrosodiphenylamine
 Concen: 2.46 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:169 Resp: 17133
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.4 80.0
 167 35.7 29.5 44.3



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

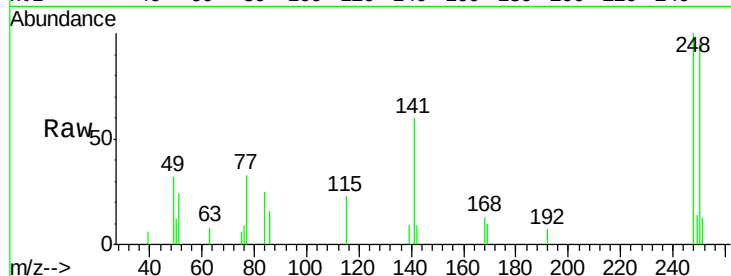




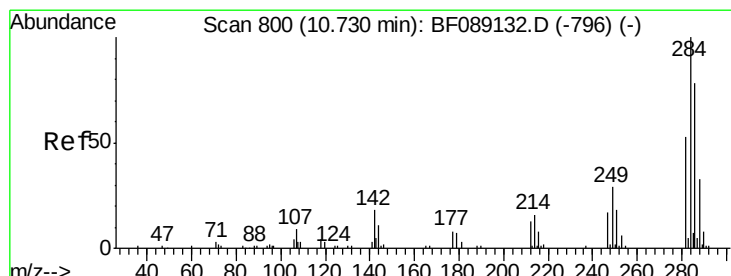
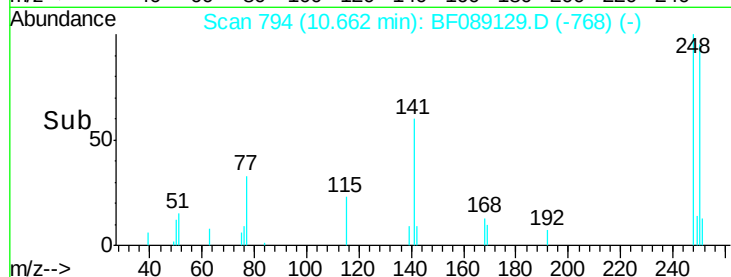
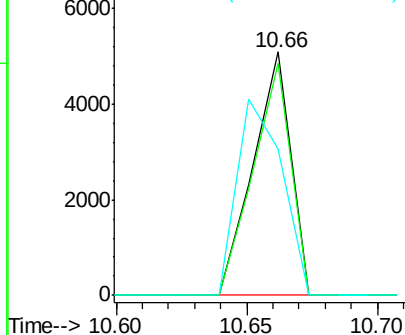
#66
4-Bromophenyl-phenylether
Concen: 2.41 ng
RT: 10.66 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5090
Ion Ratio Lower Upper
248 100
250 95.3 76.9 115.3
141 60.2 77.4 116.2#

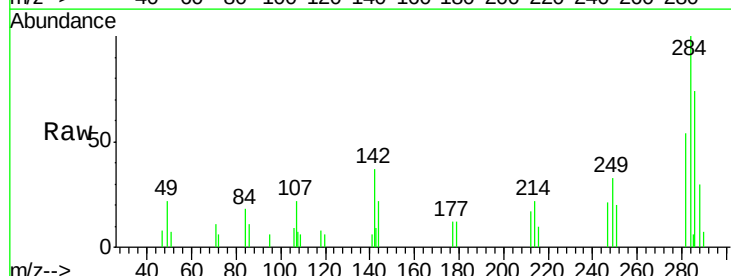


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

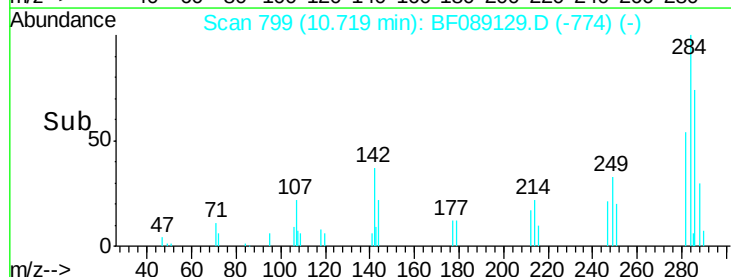
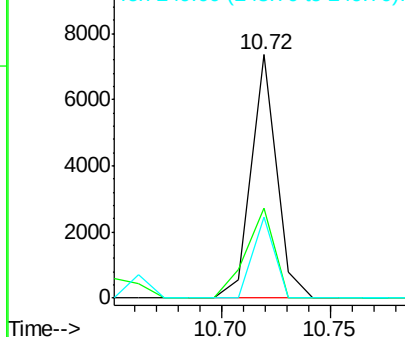


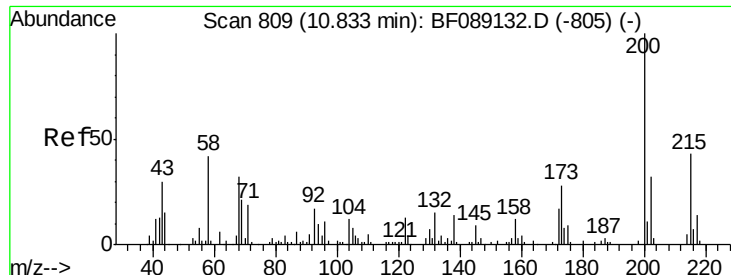
#67
Hexachlorobenzene
Concen: 2.59 ng
RT: 10.72 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:284 Resp: 5961
Ion Ratio Lower Upper
284 100
142 36.7 14.1 21.1#
249 33.3 23.0 34.4



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

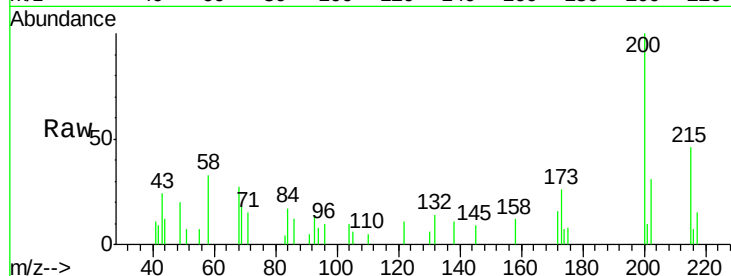




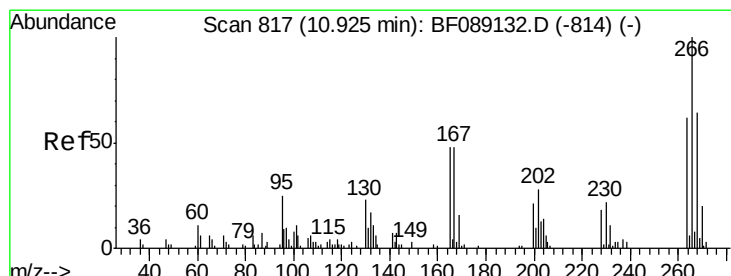
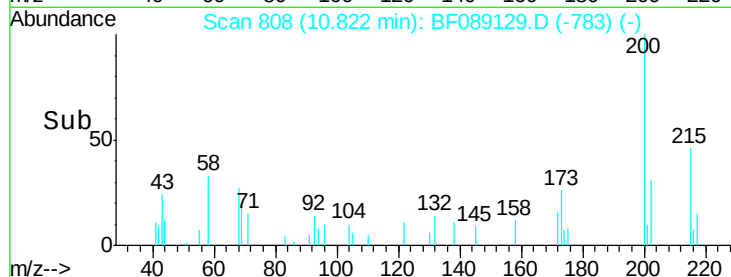
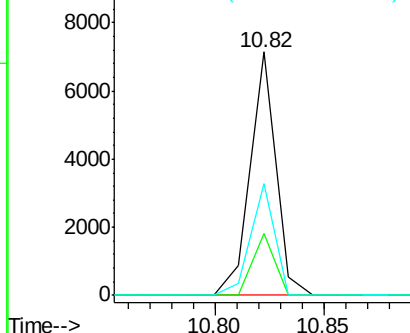
#68
Atrazine
Concen: 2.68 ng
RT: 10.82 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 5873
Ion Ratio Lower Upper
200 100
173 25.6 7.8 47.8
215 46.0 22.9 62.9

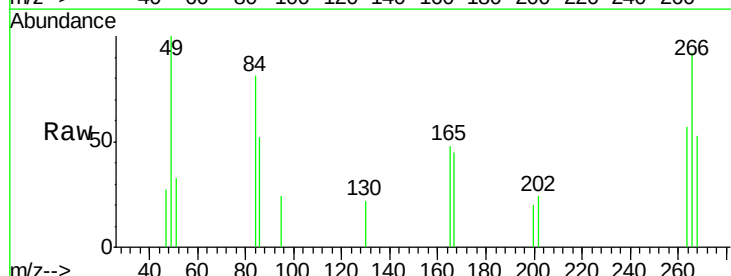


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

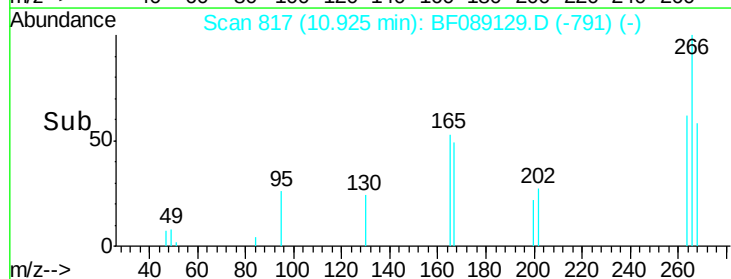
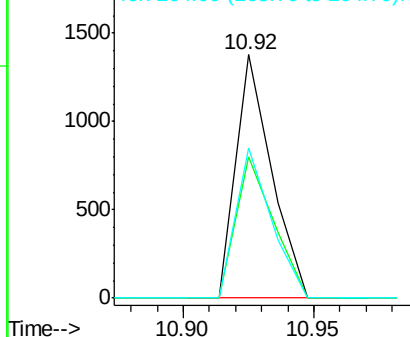


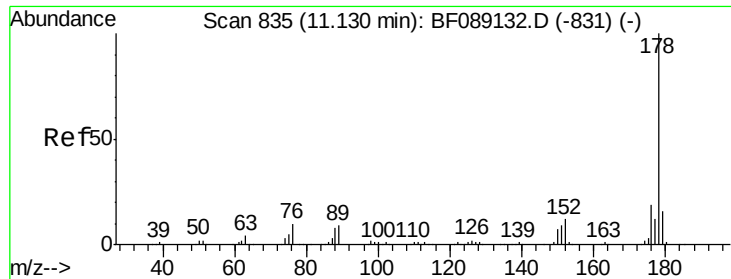
#69
Pentachlorophenol
Concen: 0.99 ng
RT: 10.92 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:266 Resp: 1314
Ion Ratio Lower Upper
266 100
268 57.8 51.2 76.8
264 61.9 49.7 74.5



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

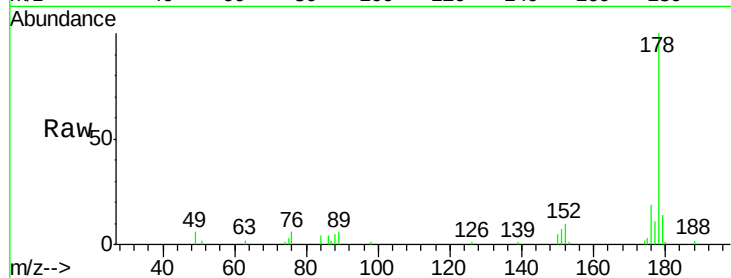




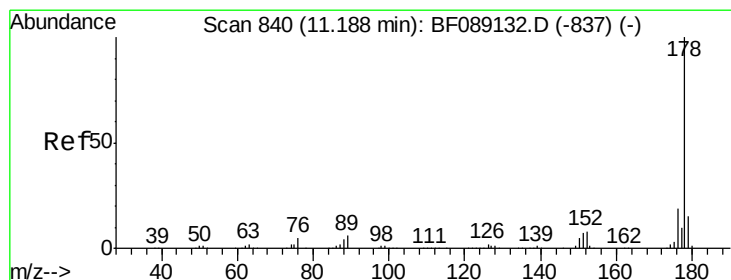
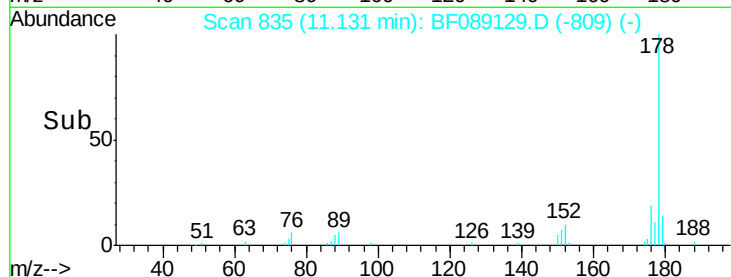
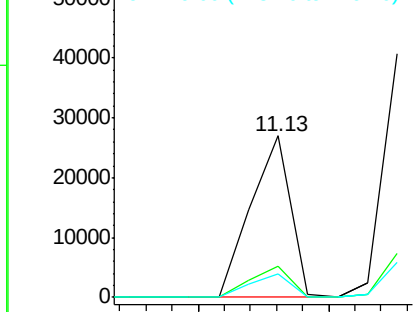
#70
Phenanthrene
Concen: 2.54 ng
RT: 11.13 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 28984
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 14.2 12.4 18.6

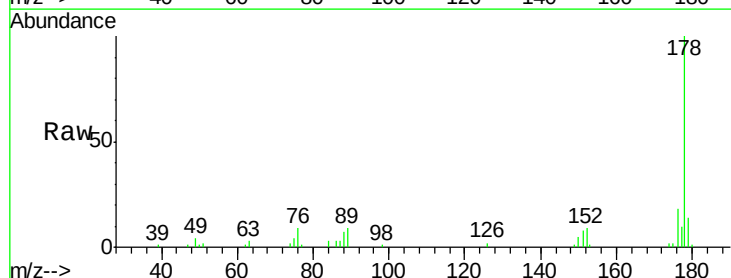


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

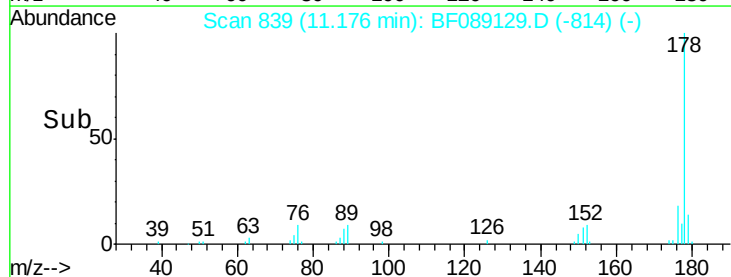
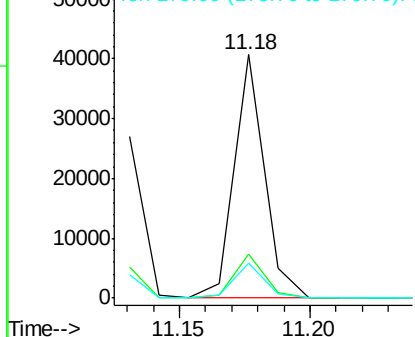


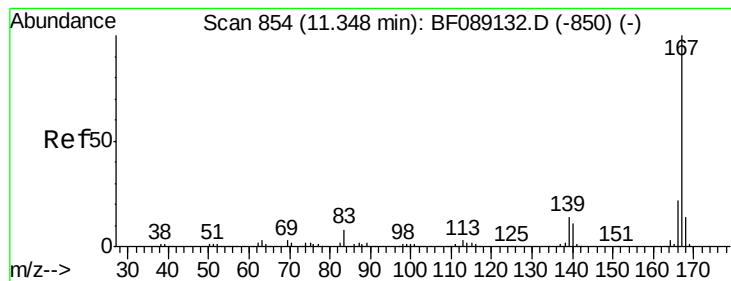
#71
Anthracene
Concen: 2.87 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:178 Resp: 32972
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 14.2 12.0 18.0



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: 2.41 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

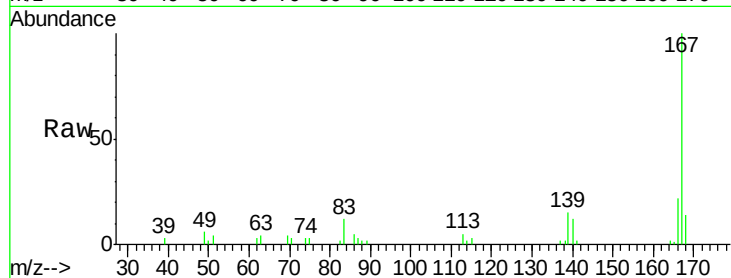
Tot Ion:167 Resp: 26254

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

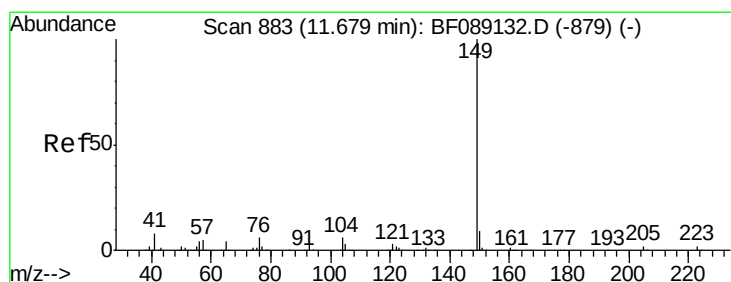
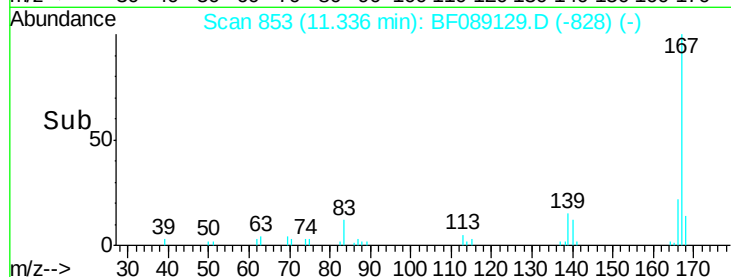
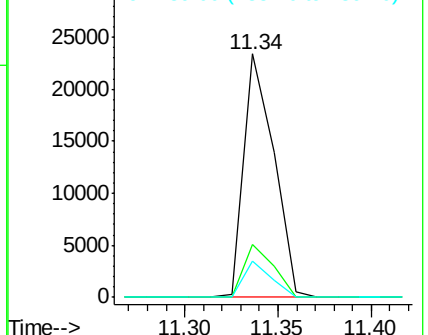
139 14.8 11.0 16.4



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: 2.74 ng

RT: 11.68 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

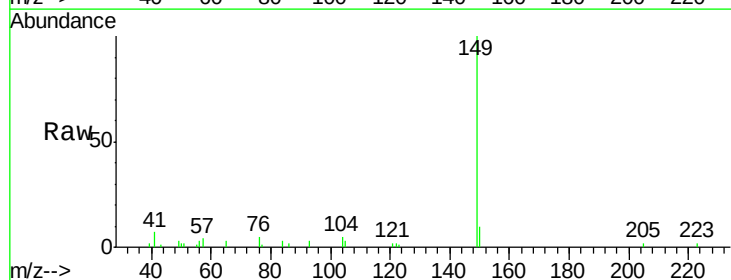
Tgt Ion:149 Resp: 34208

Ion Ratio Lower Upper

149 100

150 9.8 7.4 11.2

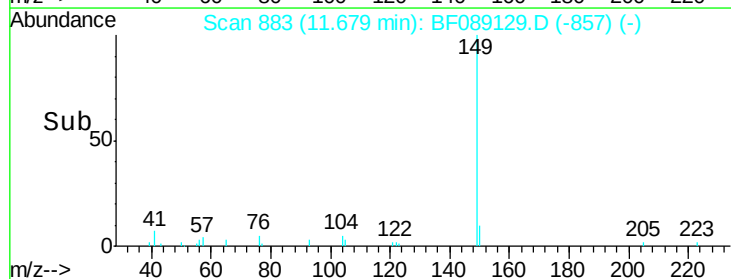
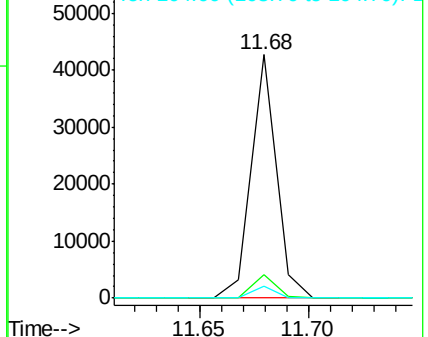
104 5.1 4.6 6.8

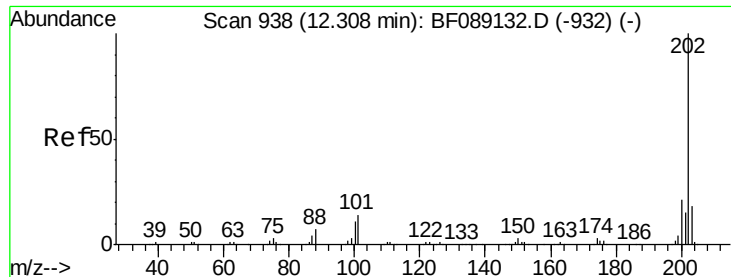


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

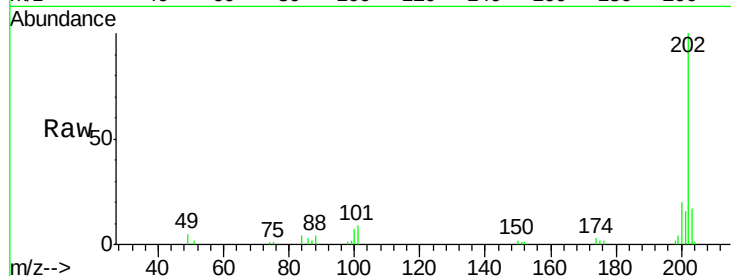




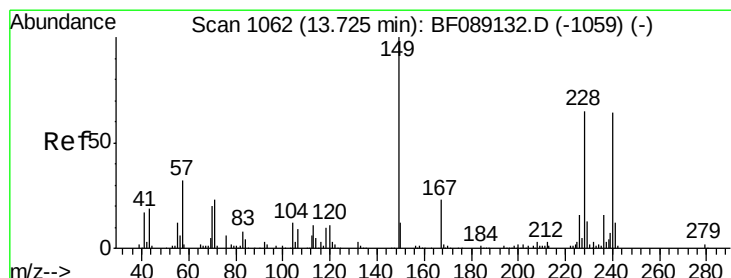
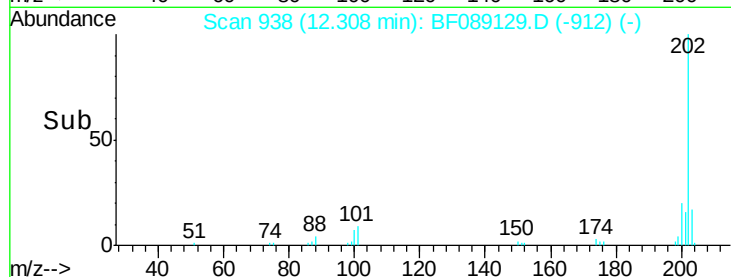
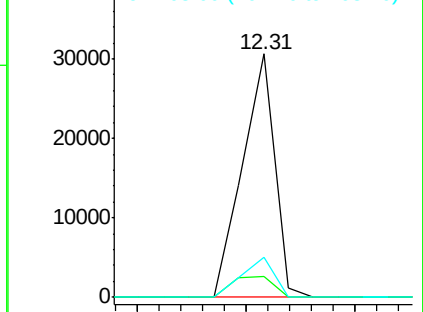
#74
Fluoranthene
Concen: 2.75 ng
RT: 12.31 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.6	0.0	34.0
203	16.6	0.0	37.8

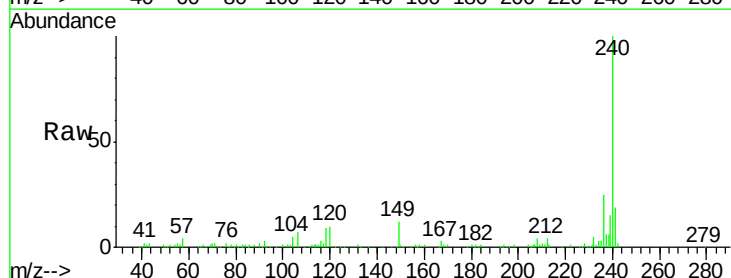


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

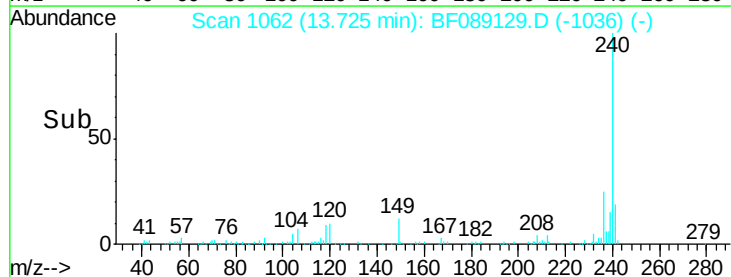
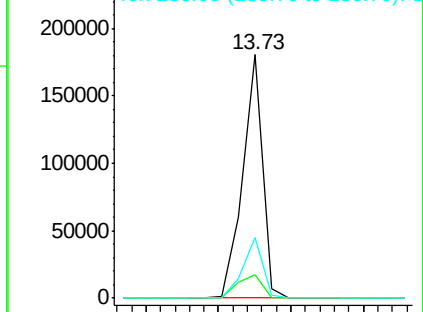


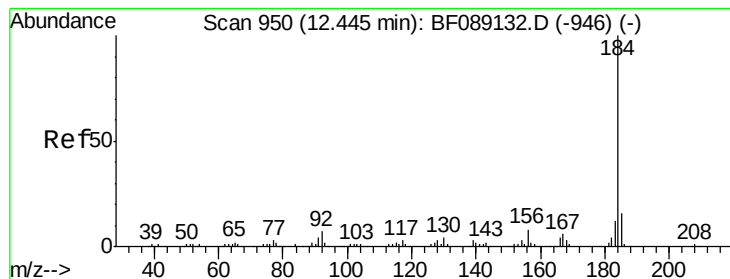
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.7	13.6	20.4#
236	25.1	20.5	30.7



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: 1.71 ng

RT: 12.43 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

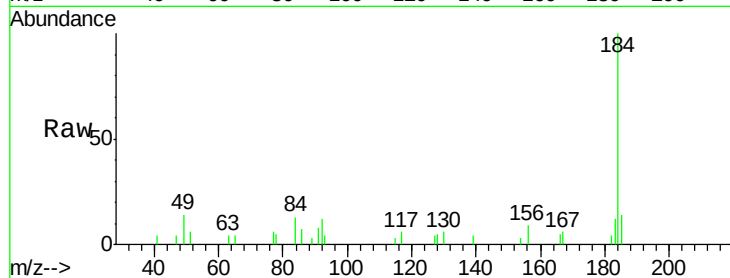
Tot Ion:184 Resp: 14047

Ion Ratio Lower Upper

184 100

185 14.2 12.5 18.7

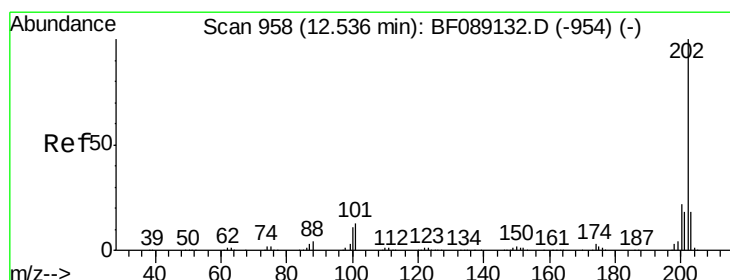
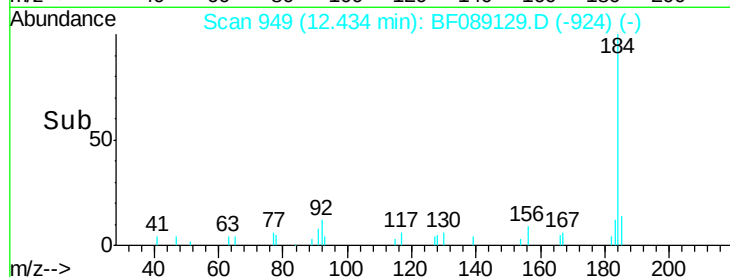
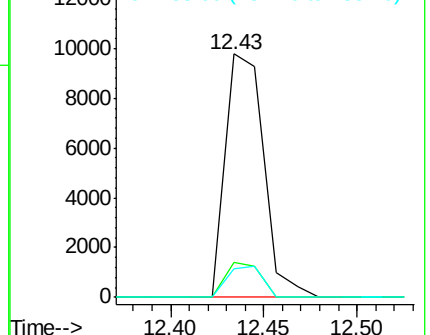
183 11.9 9.6 14.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 2.29 ng

RT: 12.53 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

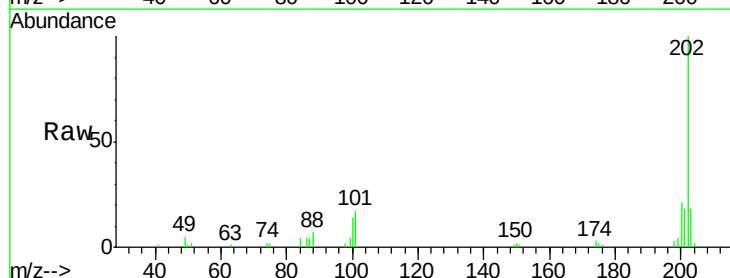
Tgt Ion:202 Resp: 33024

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.0

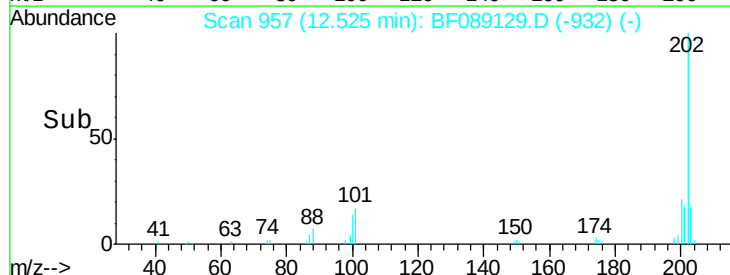
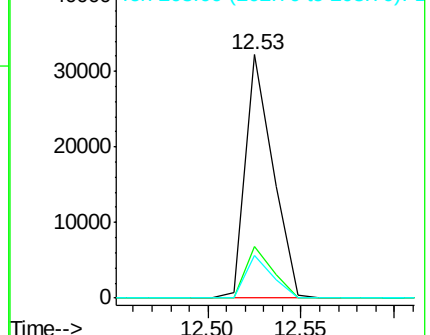
203 17.6 14.2 21.2

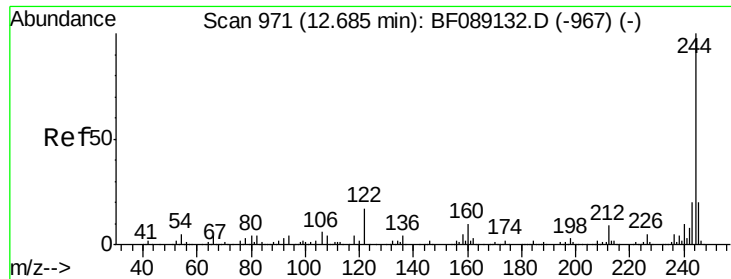


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

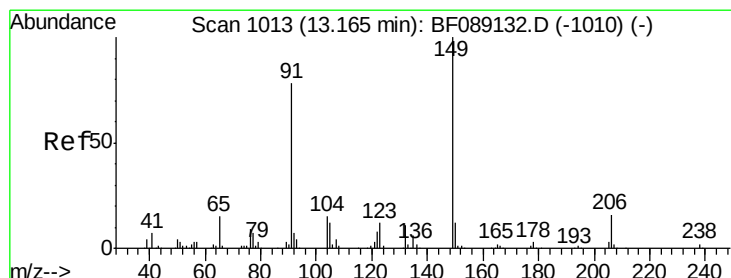
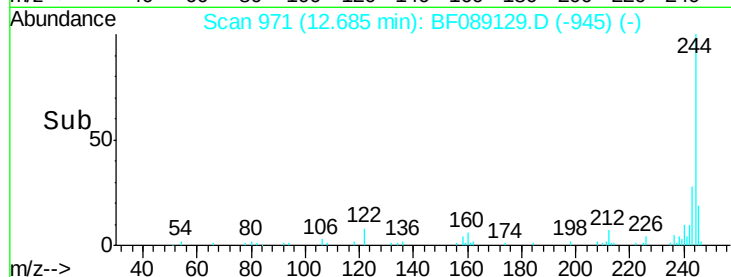
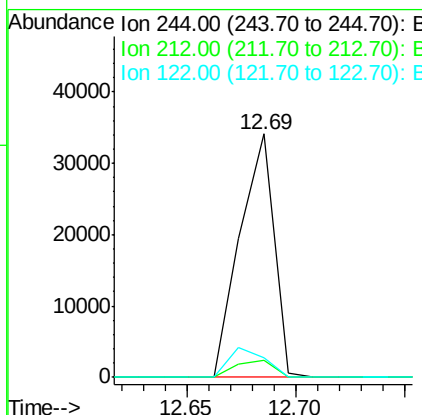
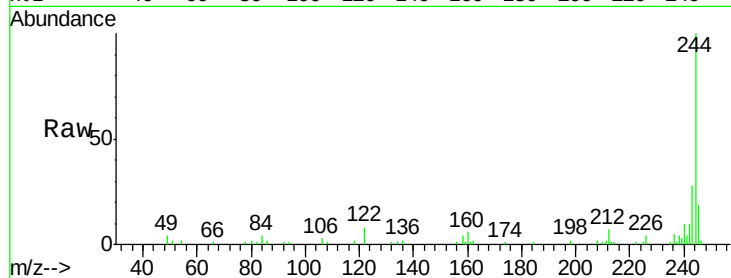




#78
 Terphenyl-d14
 Concen: 4.88 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

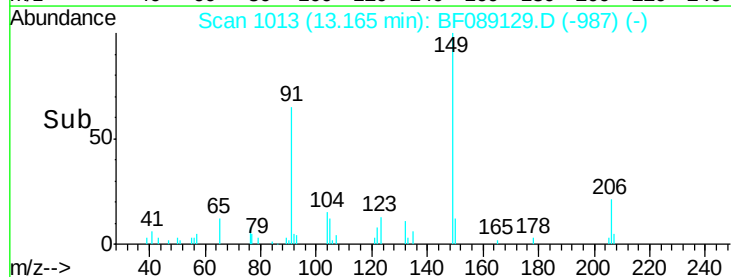
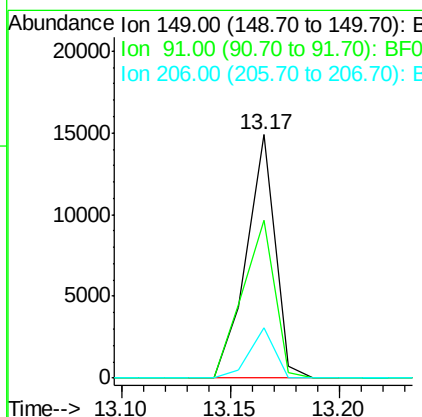
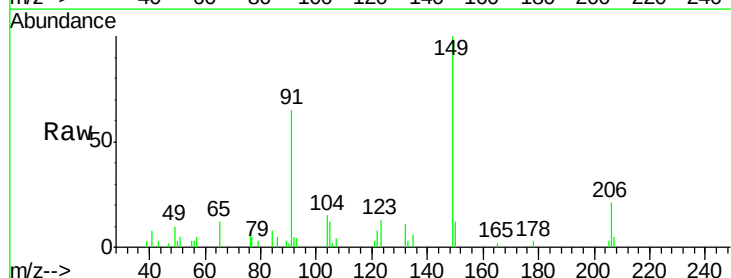
Instrument :
 BNA_F
 ClientSampleId :

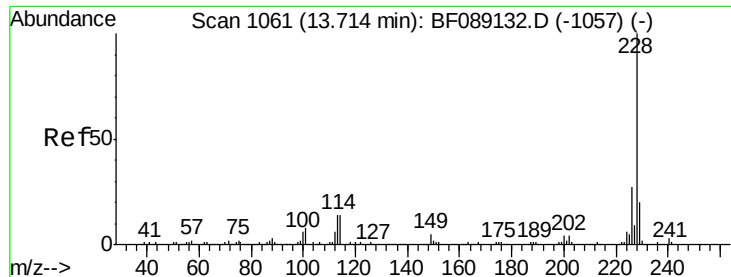
Tot Ion:244 Resp: 37227
 Ion Ratio Lower Upper
 244 100
 212 7.0 7.0 10.4
 122 7.9 13.8 20.8#



#79
 Butylbenzylphthalate
 Concen: 2.13 ng
 RT: 13.17 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF089129.D
 Acq: 20 Jul 2016 12:05

Tgt Ion:149 Resp: 13661
 Ion Ratio Lower Upper
 149 100
 91 65.0 62.6 93.8
 206 20.7 13.2 19.8#

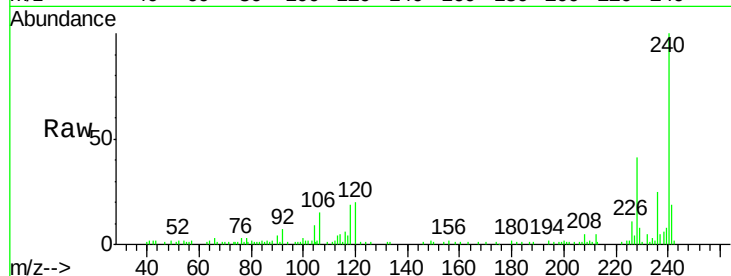




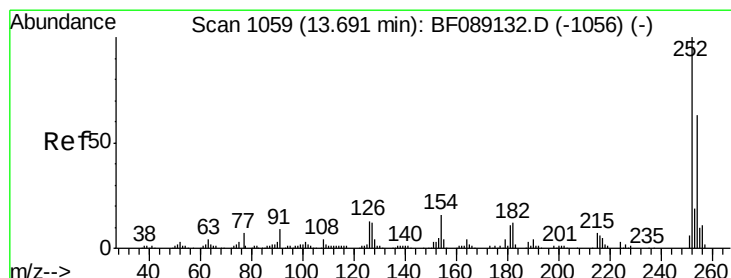
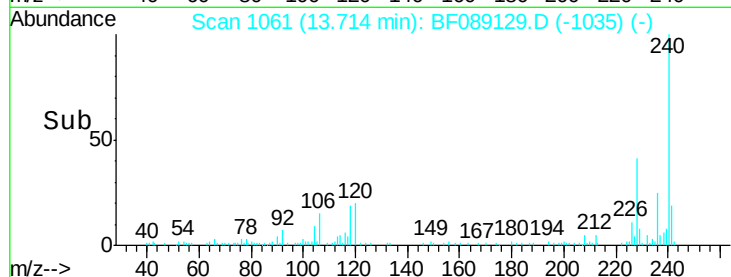
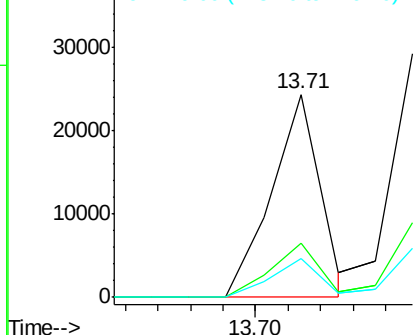
#80
Benzo(a)anthracene
Concen: 2.31 ng
RT: 13.71 min Scan# 1061
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 25278
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.3 15.8 23.8

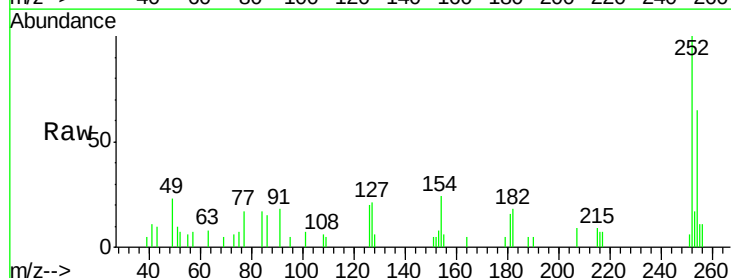


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

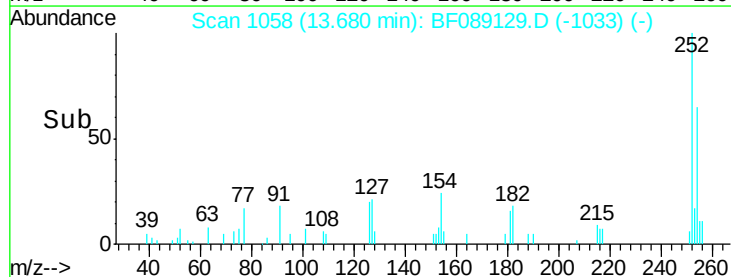
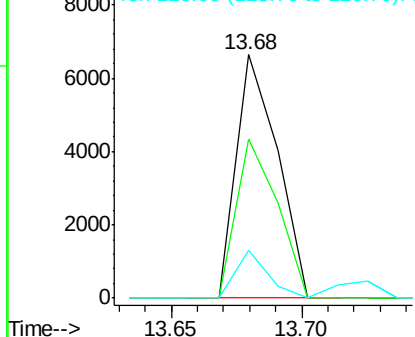


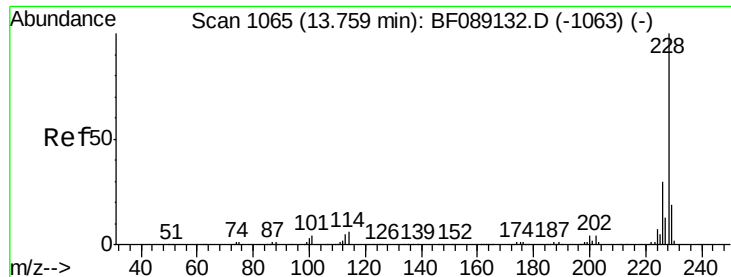
#81
3,3'-Dichlorobenzidine
Concen: 1.76 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:252 Resp: 7317
Ion Ratio Lower Upper
252 100
254 65.1 50.4 75.6
126 19.8 10.2 15.2#



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

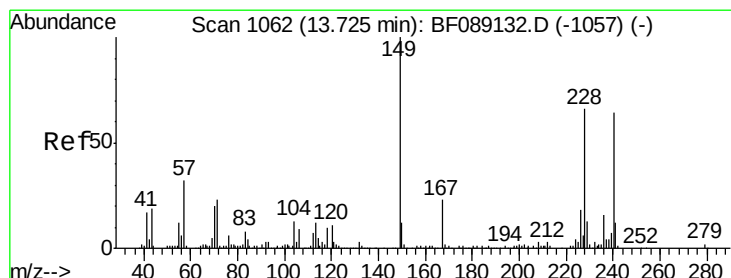
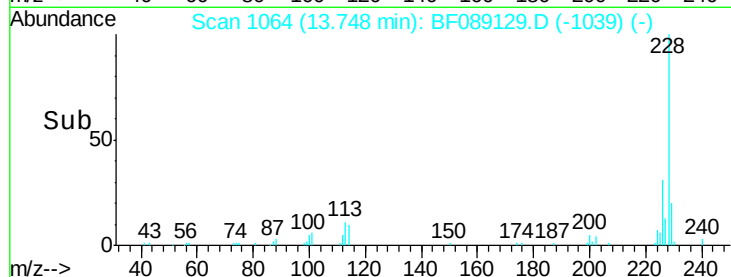
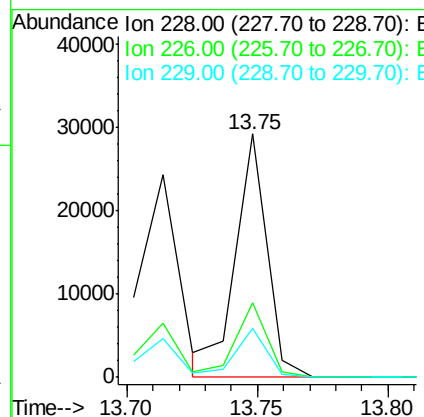
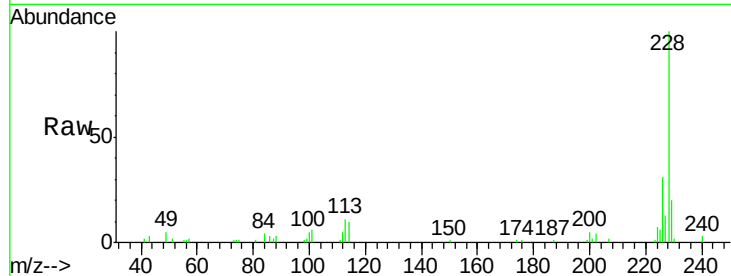




#82
Chrysene
Concen: 2.25 ng
RT: 13.75 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

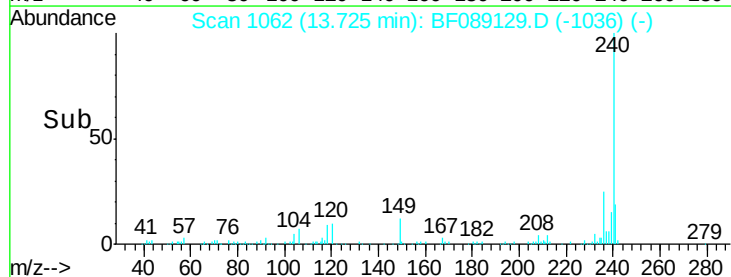
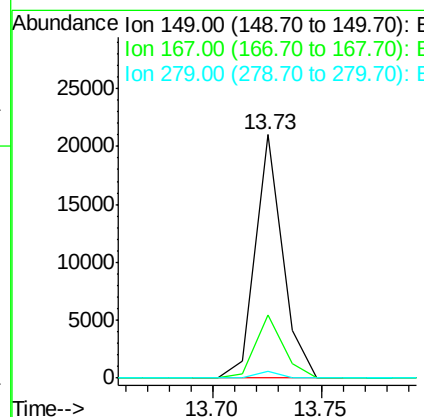
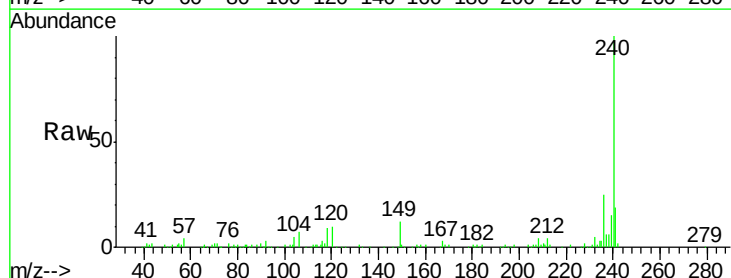
Instrument :
BNA_F
ClientSampleId :

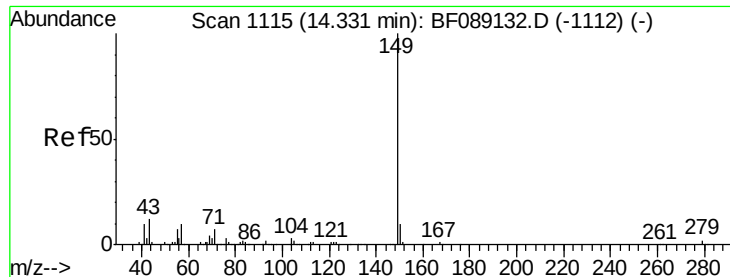
Tot Ion:228 Resp: 24530
Ion Ratio Lower Upper
228 100
226 30.5 23.8 35.8
229 19.9 15.4 23.0



#83
Bis(2-ethylhexyl)phthalate
Concen: 2.48 ng
RT: 13.73 min Scan# 1062
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:149 Resp: 18247
Ion Ratio Lower Upper
149 100
167 26.0 18.6 28.0
279 2.5 1.6 2.4#





#84

Di-n-octyl phthalate

Concen: 2.38 ng

RT: 14.33 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

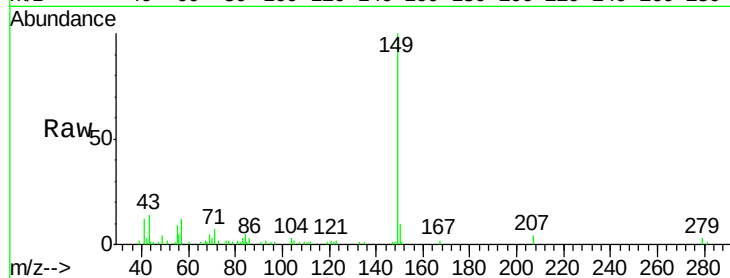
Tot Ion:149 Resp: 29763

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

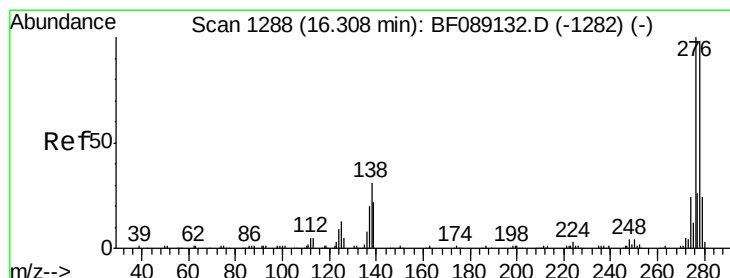
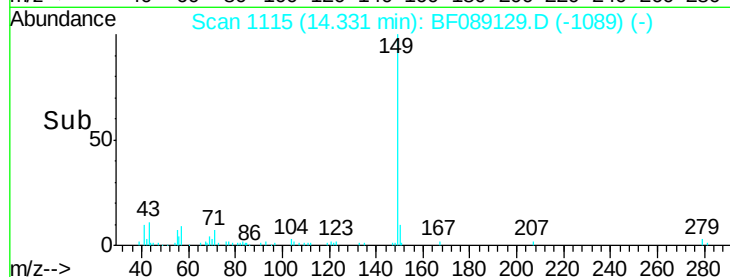
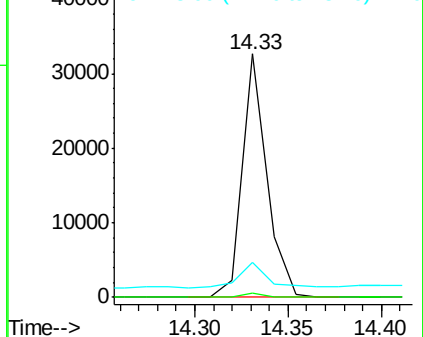
43 12.1 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 1.97 ng

RT: 16.29 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

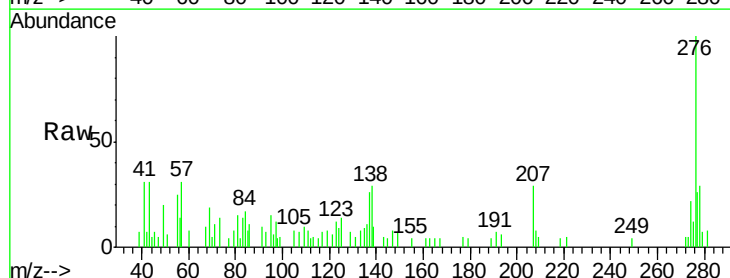
Tgt Ion:276 Resp: 16396

Ion Ratio Lower Upper

276 100

138 29.4 23.7 35.5

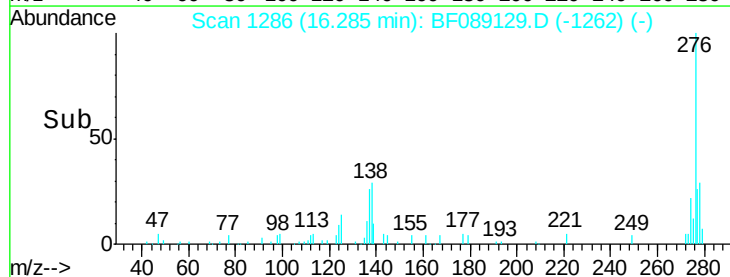
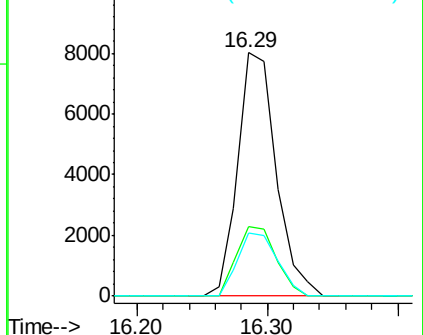
277 27.0 20.6 31.0

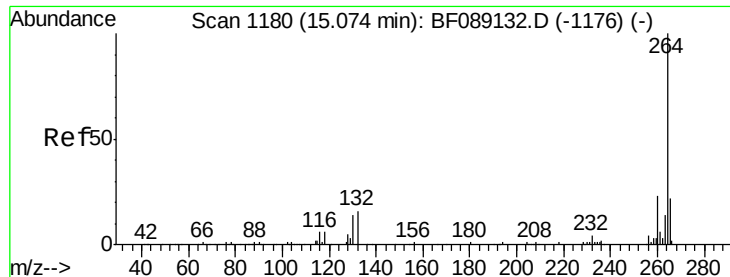


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



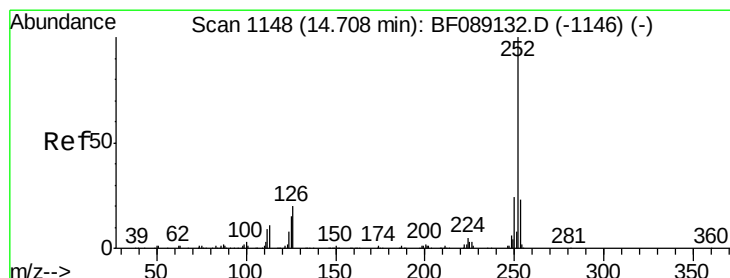
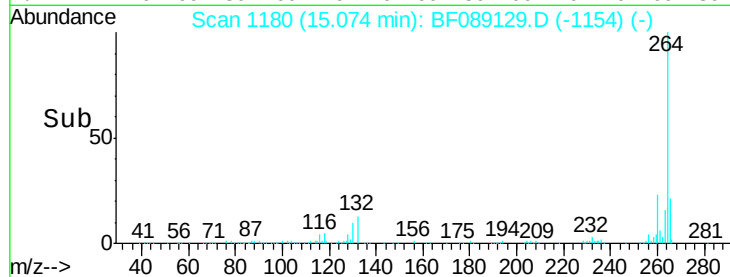
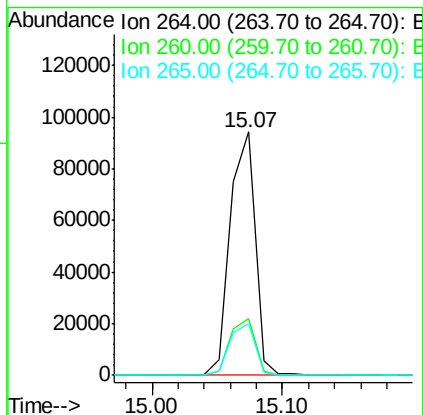
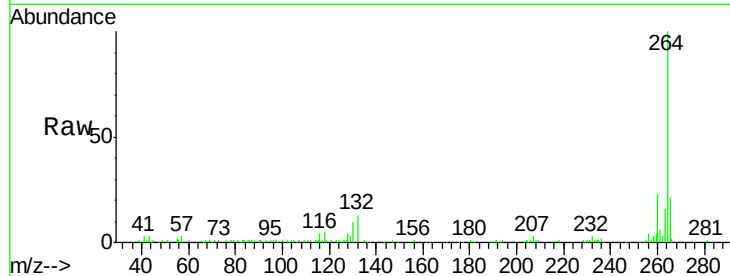


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 125025

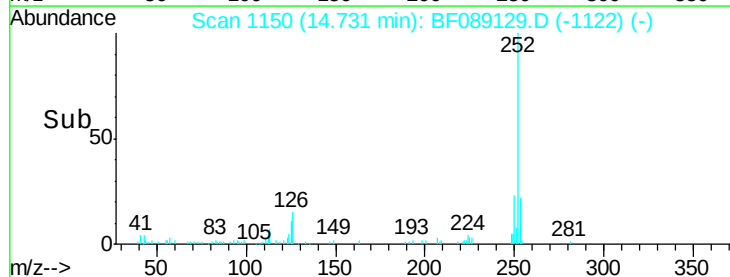
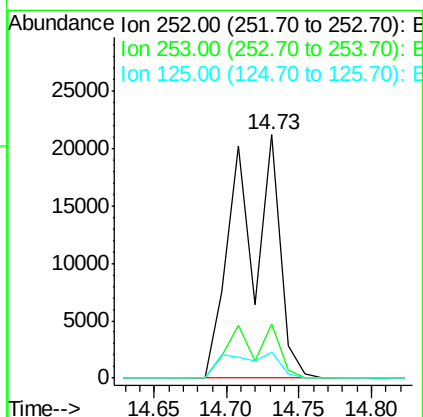
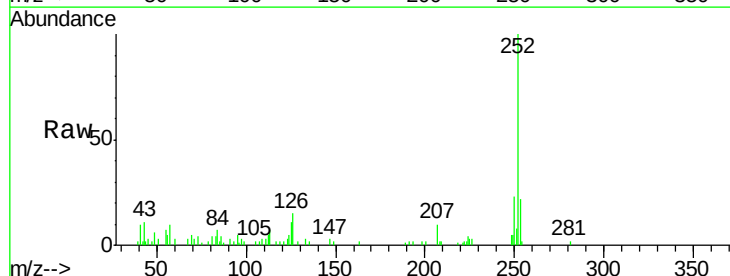
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.5	27.7
265	21.0	17.3	25.9

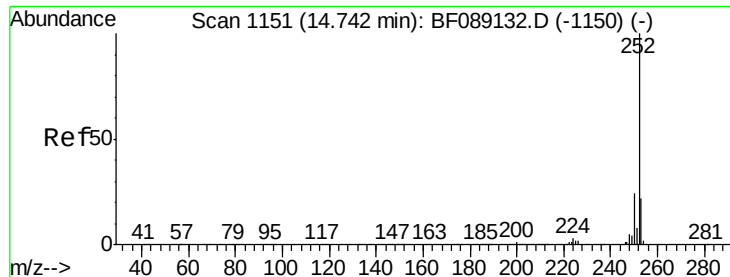


#87
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 14.73 min Scan# 1150
Delta R.T. 0.02 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:252 Resp: 40160

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	10.7	11.9	17.9

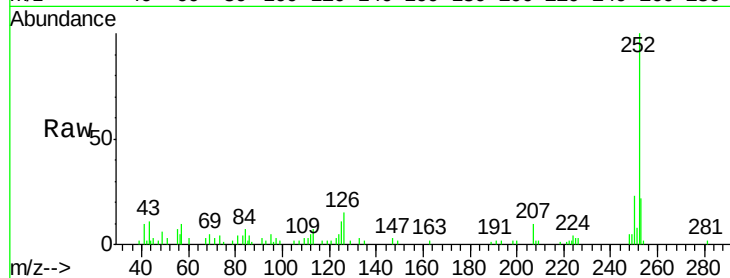




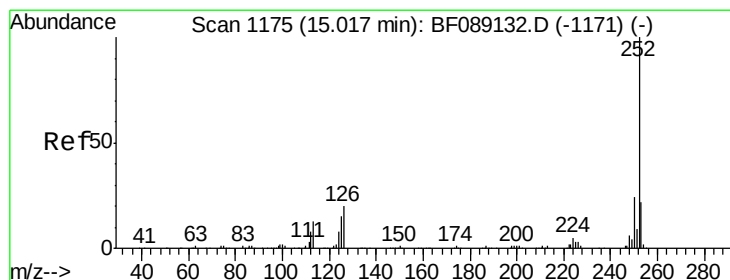
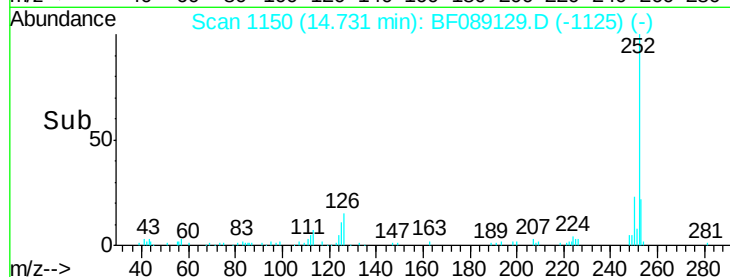
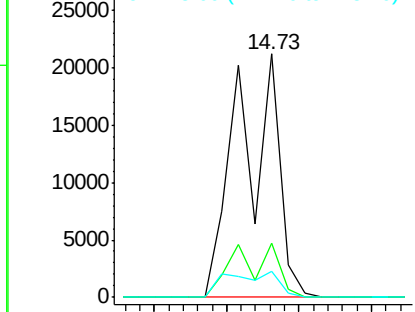
#88
Benzo(k)fluoranthene
Concen: 6.11 ng
RT: 14.73 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 40160
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 10.7 6.3 9.5#

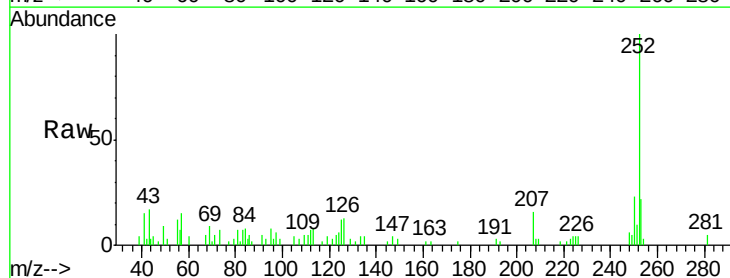


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

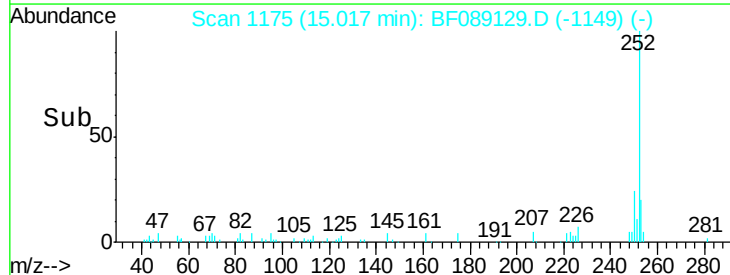
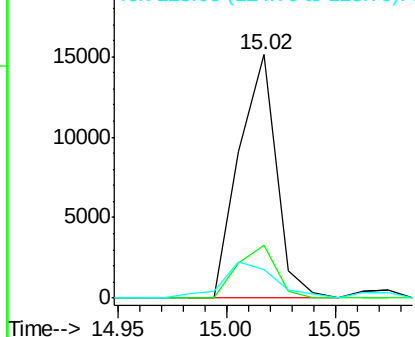


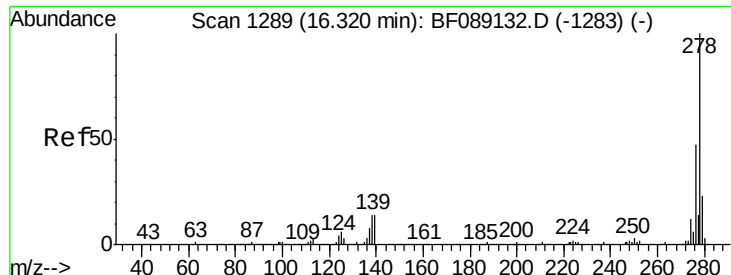
#89
Benzo(a)pyrene
Concen: 2.70 ng
RT: 15.02 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF089129.D
Acq: 20 Jul 2016 12:05

Tgt Ion:252 Resp: 17985
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.9 12.4 18.6#



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





#90

Dibenzo(a,h)anthracene

Concen: 2.40 ng

RT: 16.30 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

Instrument :

BNA_F

ClientSampleId :

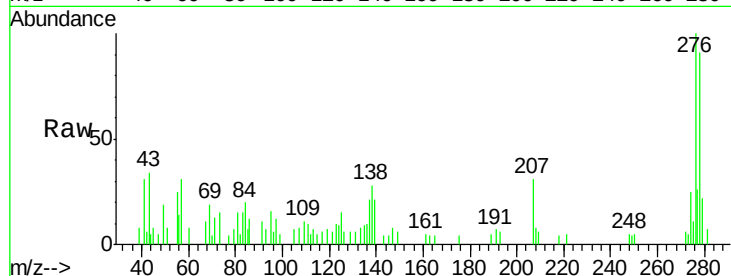
Tot Ion:278 Resp: 13274

Ion Ratio Lower Upper

278 100

139 23.5 11.4 17.2#

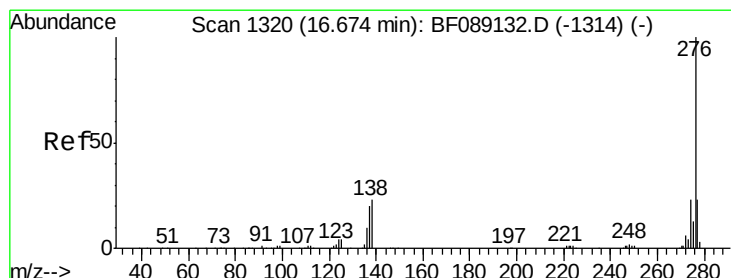
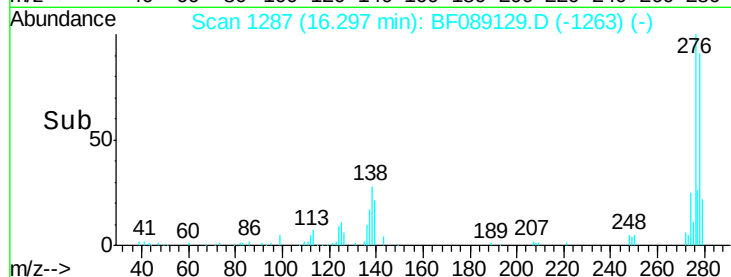
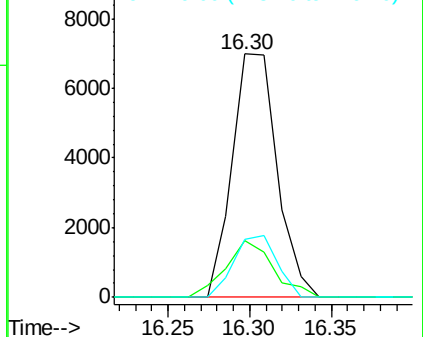
279 24.1 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 2.46 ng

RT: 16.65 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BF089129.D

Acq: 20 Jul 2016 12:05

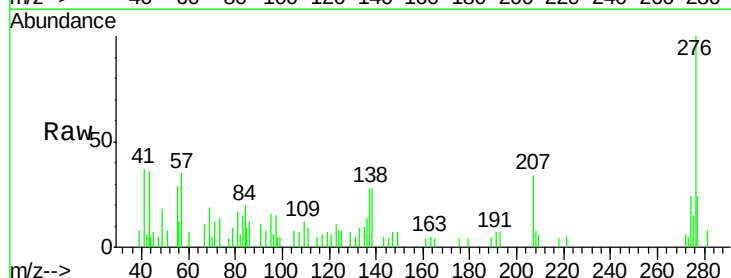
Tgt Ion:276 Resp: 14014

Ion Ratio Lower Upper

276 100

277 24.2 18.5 27.7

138 27.6 18.5 27.7



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

