

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089344.D
 Acq On : 28 Jul 2016 4:03
 Operator : UM/SJ
 Sample : H4205-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Quant Time: Jul 28 06:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	47445	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	206955	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	99880	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	191263	20.00	ng	0.00
75) Chrysene-d12	13.67	240	134813	20.00	ng	0.00
86) Perylene-d12	15.01	264	107400	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.13	112	395688	133.17	ng	0.02
7) Phenol-d6	6.22	99	510661	130.04	ng	0.01
23) Nitrobenzene-d5	7.12	82	321252	91.62	ng	0.00
41) 2,4,6-Tribromophenol	10.36	330	102690	124.14	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	572196	84.07	ng	0.00
78) Terphenyl-d14	12.63	244	466725	81.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.03	88	52166	38.63	ng	99
3) Pyridine	2.63	79	129025	44.38	ng	97
4) n-Nitrosodimethylamine	2.62	42	54024	45.60	ng	100
6) Aniline	6.22	93	197112	46.49	ng	# 74
8) 2-Chlorophenol	6.33	128	165881	49.35	ng	92
9) Benzaldehyde	6.09	77	89976	46.93	ng	99
10) Phenol	6.23	94	213527	49.28	ng	89
11) bis(2-Chloroethyl)ether	6.30	93	167734	45.56	ng	95
12) 1,3-Dichlorobenzene	6.48	146	162694	46.28	ng	98
13) 1,4-Dichlorobenzene	6.56	146	175263	45.17	ng	99
14) 1,2-Dichlorobenzene	6.72	146	162336	44.66	ng	98
15) Benzyl Alcohol	6.71	79	137500	56.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.84	45	183602	45.72	ng	81
17) 2-Methylphenol	6.83	107	128697	49.54	ng	97
18) Hexachloroethane	7.05	117	65922	44.32	ng	95
19) n-Nitroso-di-n-propylamine	6.98	70	123567	52.18	ng	94
20) 3+4-Methylphenols	6.99	107	169314	50.75	ng	85
22) Acetophenone	6.97	105	211181	42.86	ng	97
24) Nitrobenzene	7.14	77	173961	43.59	ng	95
25) Isophorone	7.38	82	327330	46.35	ng	99
26) 2-Nitrophenol	7.46	139	82520	46.25	ng	97
27) 2,4-Dimethylphenol	7.51	122	132665	46.68	ng	98
28) bis(2-Chloroethoxy)methane	7.60	93	197322	50.47	ng	100
29) 2,4-Dichlorophenol	7.70	162	136147	52.57	ng	96
30) 1,2,4-Trichlorobenzene	7.78	180	138290	46.80	ng	99
31) Naphthalene	7.85	128	486965	47.52	ng	100
32) Benzoic acid	7.63	122	9279	4.69	ng	# 85
33) 4-Chloroaniline	7.92	127	139842	35.84	ng	100
34) Hexachlorobutadiene	7.98	225	76849	45.41	ng	98
35) Caprolactam	8.30	113	20604	26.36	ng	97
36) 4-Chloro-3-methylphenol	8.41	107	148071	48.11	ng	94
37) 2-Methylnaphthalene	8.55	142	305980	49.55	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	111630	31.94	ng	99
40) Hexachlorocyclopentadiene	8.70	237	97974	96.29	ng	99

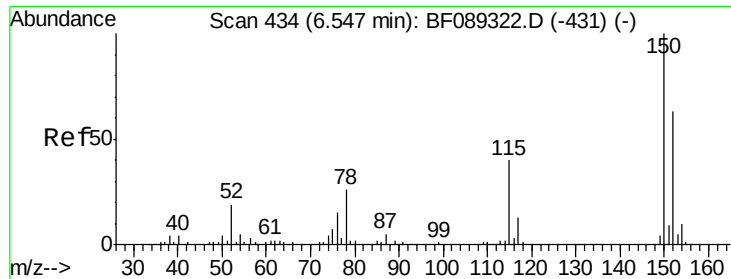
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072816\
 Data File : BF089344.D
 Acq On : 28 Jul 2016 4:03
 Operator : UM/SJ
 Sample : H4205-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Quant Time: Jul 28 06:57:45 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 17:12:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	81922	49.30	ng	98
43) 2,4,5-Trichlorophenol	8.88	196	97863	46.49	ng	97
45) 1,1'-Biphenyl	9.00	154	321566	37.81	ng	100
46) 2-Chloronaphthalene	9.03	162	290820	45.54	ng	100
47) 2-Nitroaniline	9.14	65	94233	49.82	ng	99
48) Acenaphthylene	9.44	152	459242	45.65	ng	99
49) Dimethylphthalate	9.32	163	456064	60.00	ng	98
50) 2,6-Dinitrotoluene	9.38	165	73324	46.95	ng	# 71
51) Acenaphthene	9.61	154	271844	46.27	ng	99
52) 3-Nitroaniline	9.55	138	71360	43.29	ng	90
53) 2,4-Dinitrophenol	9.67	184	22713	42.81	ng	99
54) Dibenzofuran	9.78	168	398892	49.83	ng	97
55) 4-Nitrophenol	9.78	139	275750	323.14	ng	# 9
56) 2,4-Dinitrotoluene	9.79	165	103375	50.28	ng	# 65
57) Fluorene	10.12	166	333508	47.73	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	75555	53.76	ng	97
59) Diethylphthalate	10.02	149	376589	48.87	ng	96
60) 4-Chlorophenyl-phenylether	10.12	204	143160	44.66	ng	99
61) 4-Nitroaniline	10.17	138	78704	46.32	ng	95
62) Azobenzene	10.28	77	385500	48.57	ng	84
64) 4,6-Dinitro-2-methylphenol	10.20	198	43534	38.64	ng	91
65) n-Nitrosodiphenylamine	10.25	169	286377	47.99	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	87363	47.84	ng	# 88
67) Hexachlorobenzene	10.66	284	80083	42.79	ng	91
68) Atrazine	10.78	200	78870	43.02	ng	95
69) Pentachlorophenol	10.87	266	79583	87.19	ng	98
70) Phenanthrene	11.07	178	456722	46.30	ng	100
71) Anthracene	11.13	178	501701	45.75	ng	99
72) Carbazole	11.29	167	450504	48.80	ng	99
73) Di-n-butylphthalate	11.62	149	543567	43.88	ng	100
74) Fluoranthene	12.25	202	483119	46.56	ng	97
76) Benzidine	12.39	184	249027	49.99	ng	96
77) Pyrene	12.48	202	485532	47.52	ng	99
79) Butylbenzylphthalate	13.11	149	220190	47.40	ng	92
80) Benzo(a)anthracene	13.66	228	352136	46.29	ng	99
81) 3,3'-Dichlorobenzidine	13.63	252	110380	40.32	ng	99
82) Chrysene	13.70	228	357302	44.12	ng	100
83) Bis(2-ethylhexyl)phthalate	13.67	149	304984	45.42	ng	100
84) Di-n-octyl phthalate	14.29	149	495189	47.26	ng	100
85) Indeno(1,2,3-cd)pyrene	16.21	276	263449	45.75	ng	99
87) Benzo(b)fluoranthene	14.65	252	587698	88.11	ng	97
88) Benzo(k)fluoranthene	14.65	252	588057	95.90	ng	99
89) Benzo(a)pyrene	14.96	252	274773	45.92	ng	# 94
90) Dibenzo(a,h)anthracene	16.22	278	221467	46.99	ng	95
91) Benzo(g,h,i)perylene	16.56	276	215960	46.61	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.55 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

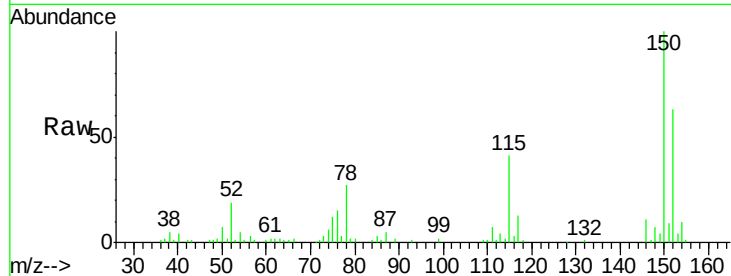
Tgt Ion:152 Resp: 47445

Ion Ratio Lower Upper

152 100

150 157.8 129.5 194.3

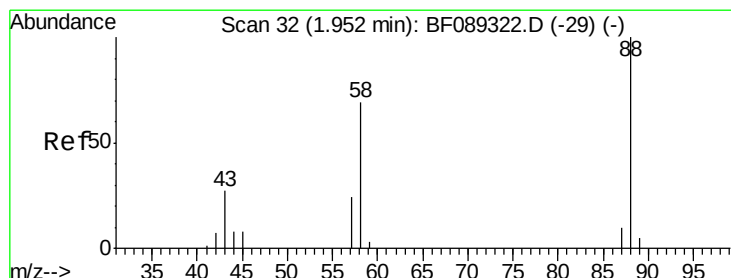
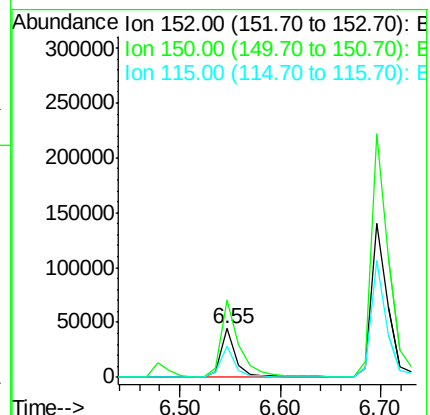
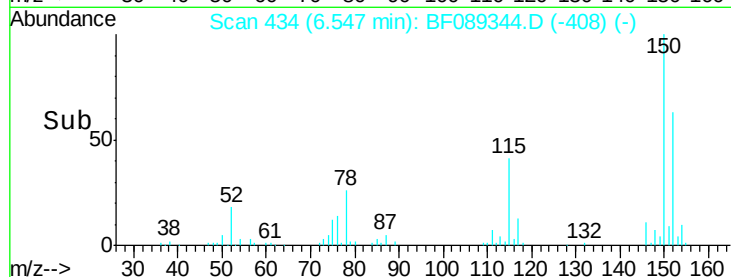
115 64.2 51.4 77.2



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: 38.63 ng

RT: 2.03 min Scan# 39

Delta R.T. 0.08 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

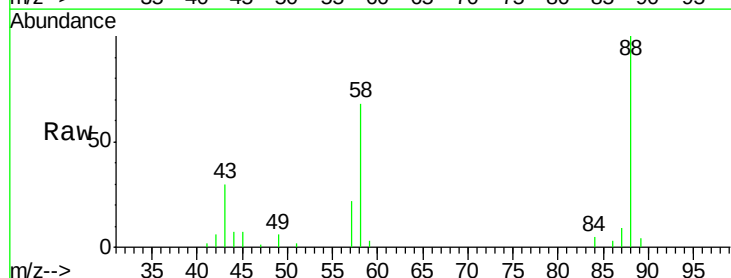
Tgt Ion: 88 Resp: 52166

Ion Ratio Lower Upper

88 100

58 66.5 53.2 79.8

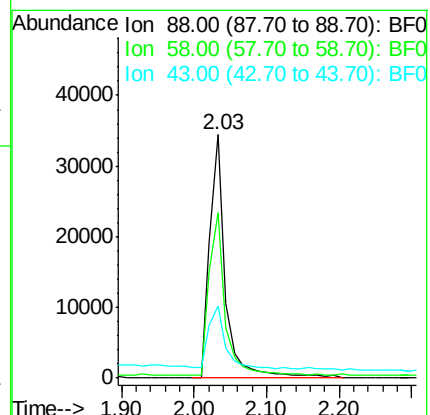
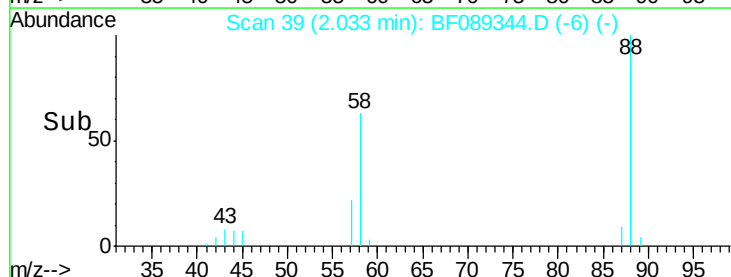
43 28.2 20.6 31.0

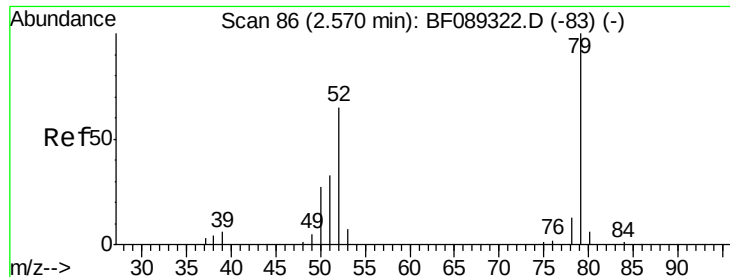


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 44.38 ng

RT: 2.63 min Scan# 91

Delta R.T. 0.06 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

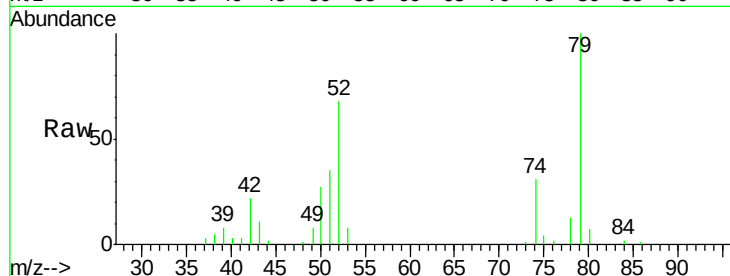
Tgt Ion: 79 Resp: 129025

Ion Ratio Lower Upper

79 100

52 67.8 51.9 77.9

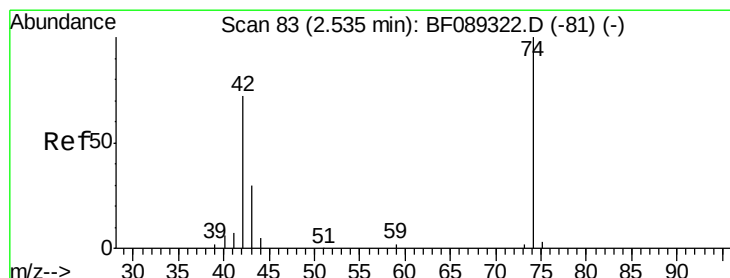
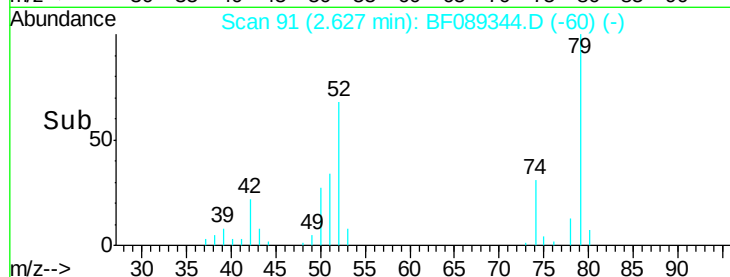
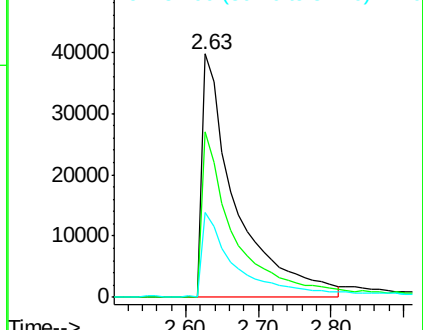
51 35.1 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.60 ng

RT: 2.62 min Scan# 90

Delta R.T. 0.08 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

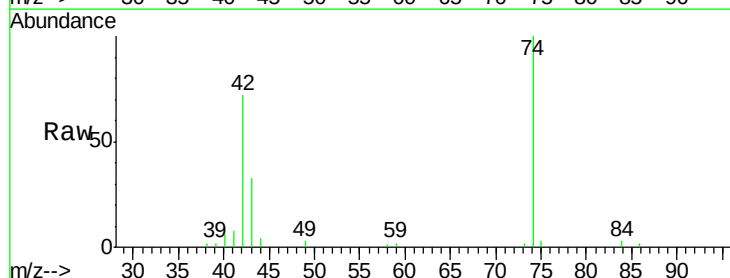
Tgt Ion: 42 Resp: 54024

Ion Ratio Lower Upper

42 100

74 138.6 110.8 166.2

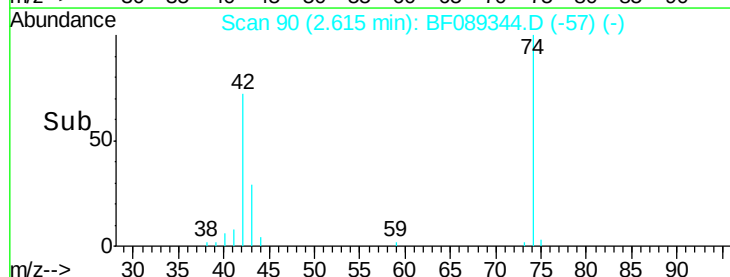
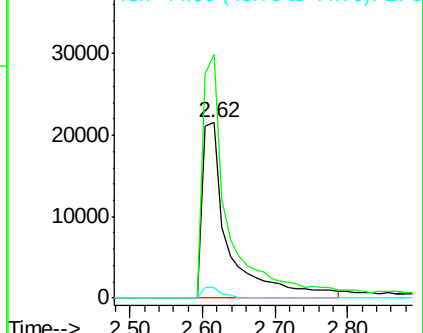
44 6.0 5.2 7.8

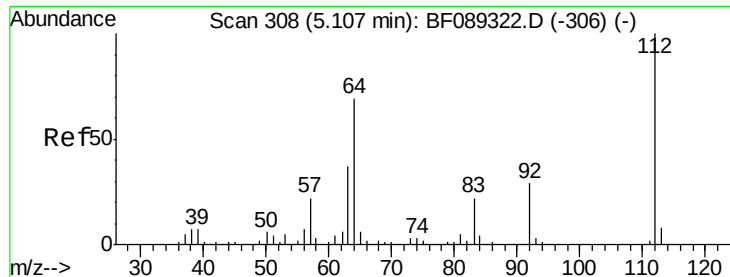


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 133.17 ng

RT: 5.13 min Scan# 310

Delta R.T. 0.02 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

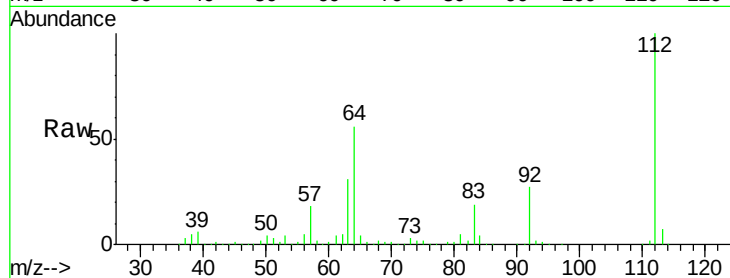
Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

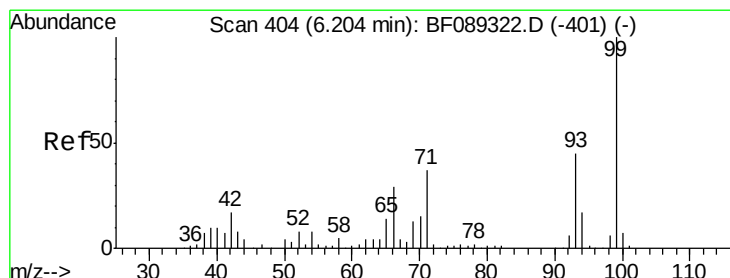
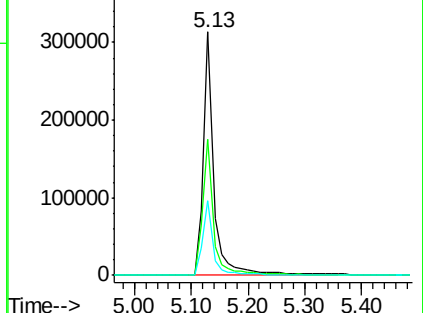
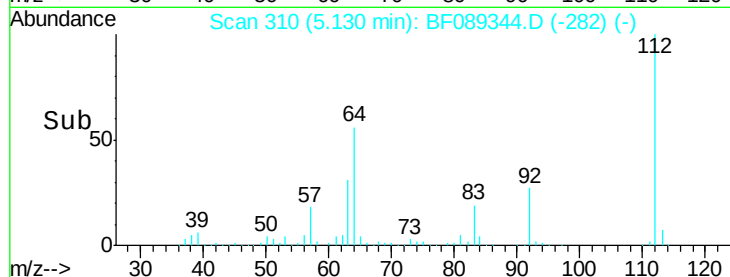
Tgt Ion:	112	Resp:	395688
Ion Ratio	Lower	Upper	
112	100		
64	56.1	55.0	82.6
63	30.7	29.4	44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.49 ng

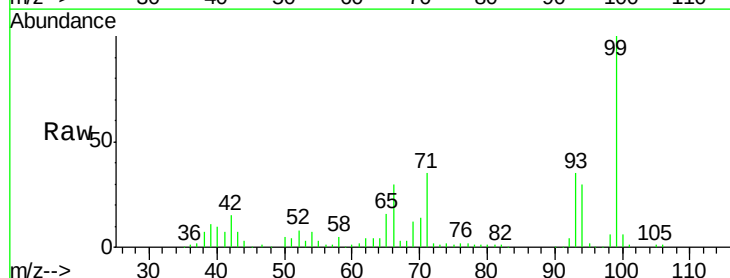
RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

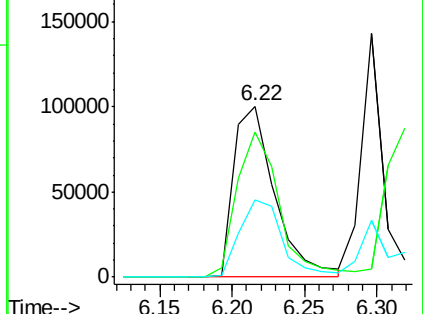
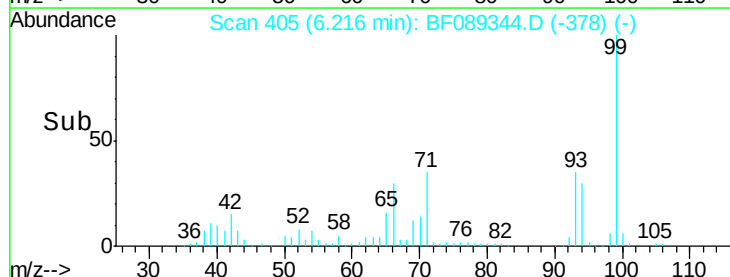
Tgt Ion:	93	Resp:	197112
Ion Ratio	Lower	Upper	
93	100		
66	85.0	51.6	77.4#
65	45.1	24.7	37.1#

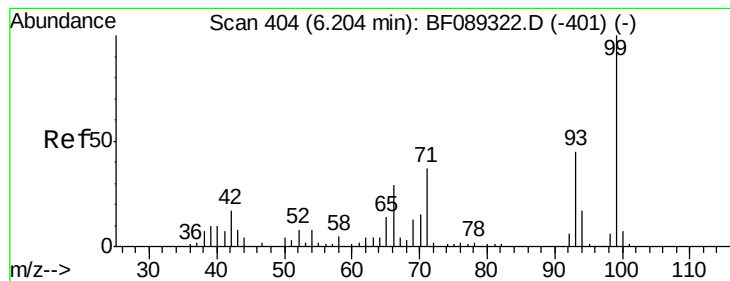


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.04 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

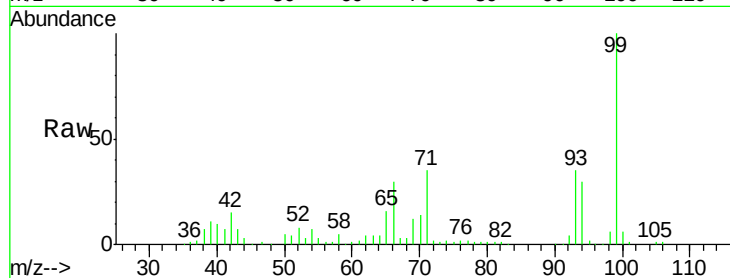
Tgt Ion: 99 Resp: 510661

Ion Ratio Lower Upper

99 100

42 15.5 13.6 20.4

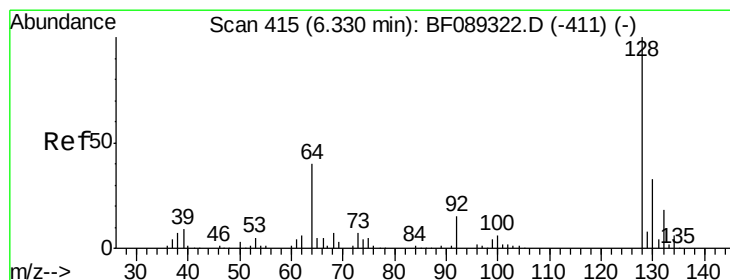
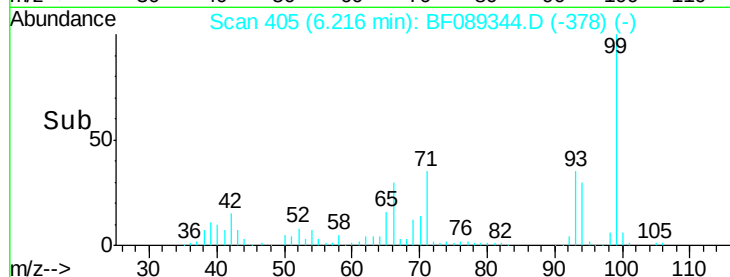
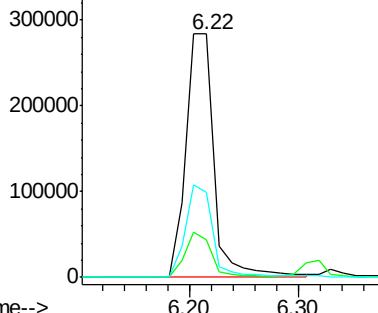
71 34.7 29.4 44.2



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: 49.35 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

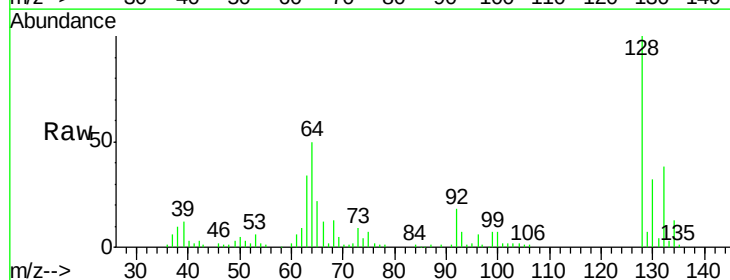
Tgt Ion: 128 Resp: 165881

Ion Ratio Lower Upper

128 100

130 31.5 12.6 52.6

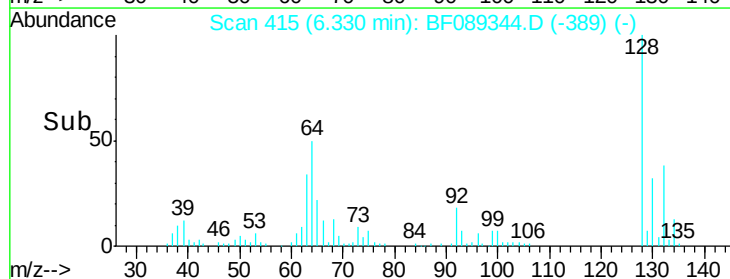
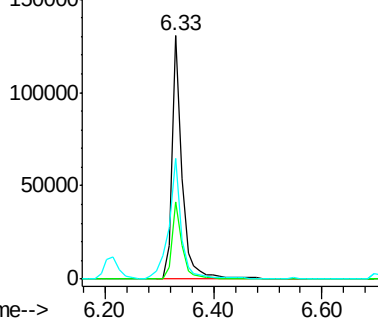
64 49.7 22.1 62.1

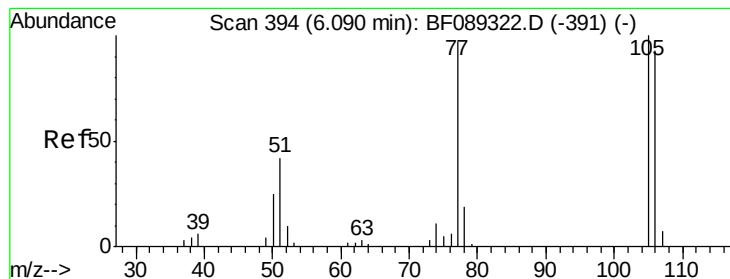


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 46.93 ng

RT: 6.09 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

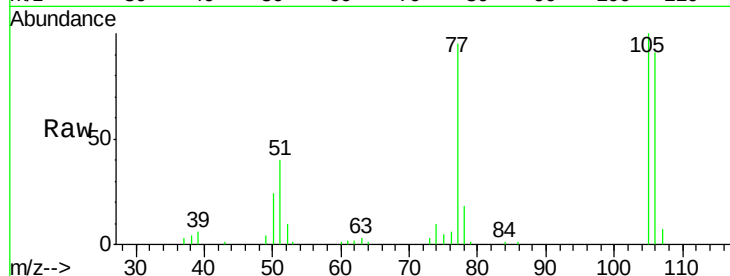
Tgt Ion: 77 Resp: 89976

Ion Ratio Lower Upper

77 100

105 105.2 82.9 122.9

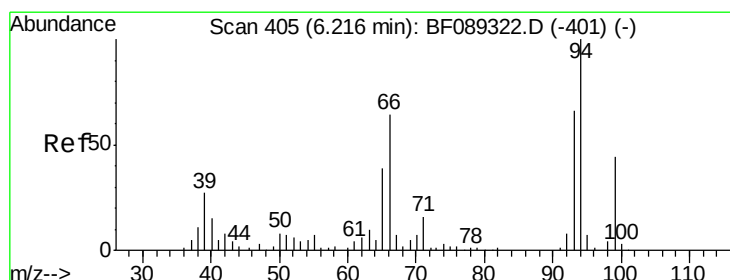
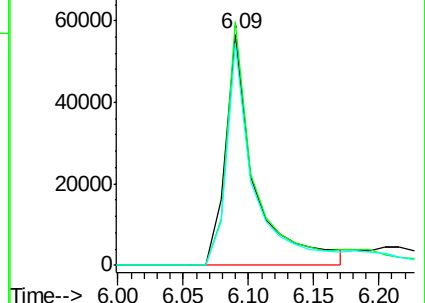
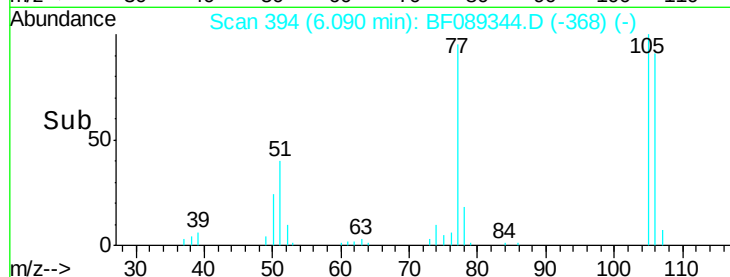
106 96.0 75.9 115.9



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: 49.28 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

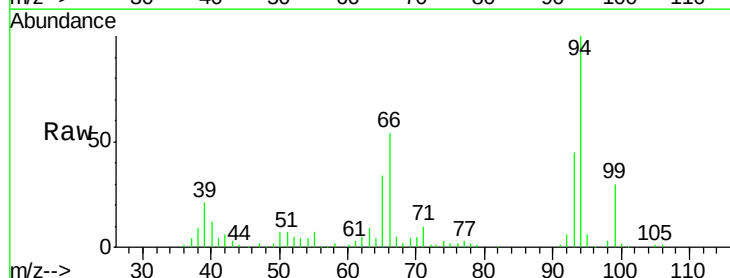
Tgt Ion: 94 Resp: 213527

Ion Ratio Lower Upper

94 100

65 34.2 19.1 59.1

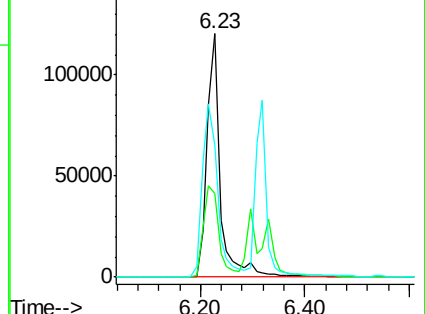
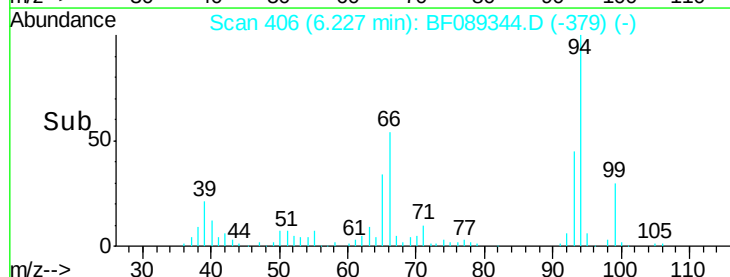
66 54.1 44.4 84.4

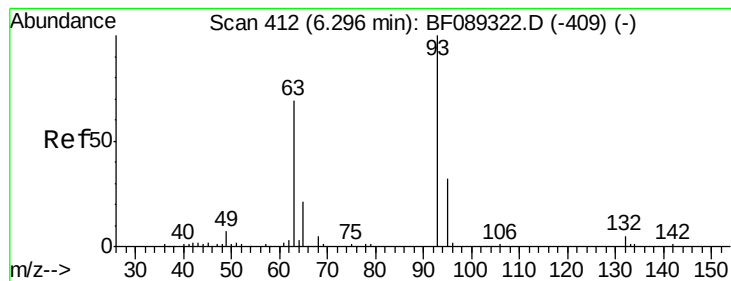


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 45.56 ng

RT: 6.30 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

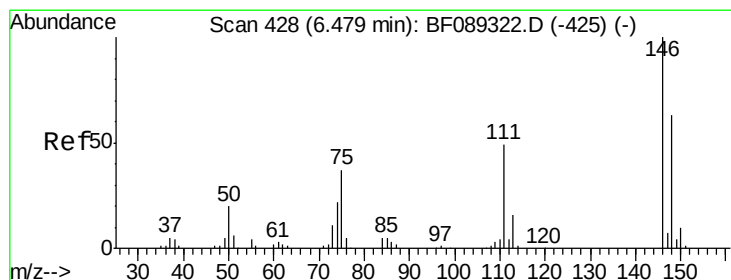
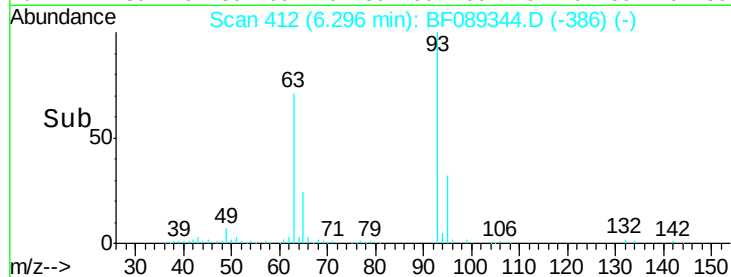
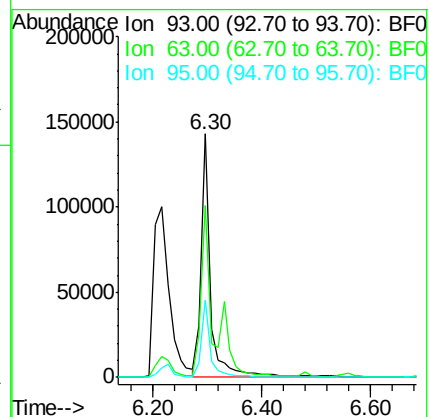
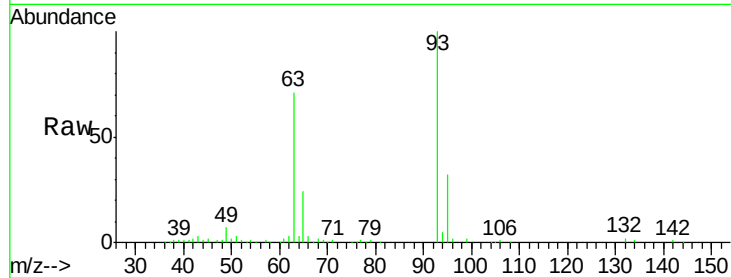
Tgt Ion: 93 Resp: 167734

Ion Ratio Lower Upper

93 100

63 70.8 45.6 85.6

95 31.8 11.1 51.1



#12

1,3-Dichlorobenzene

Concen: 46.28 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

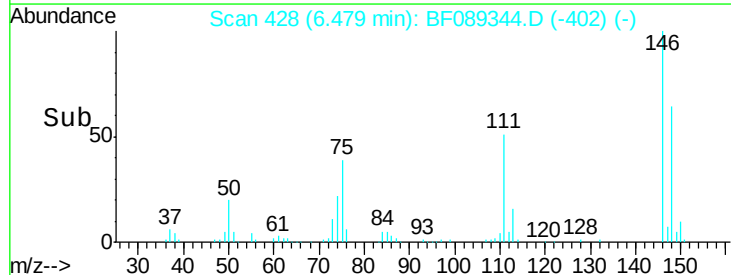
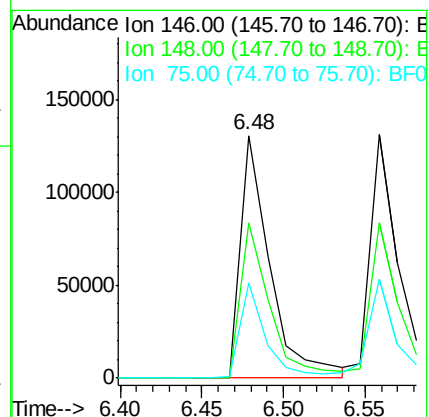
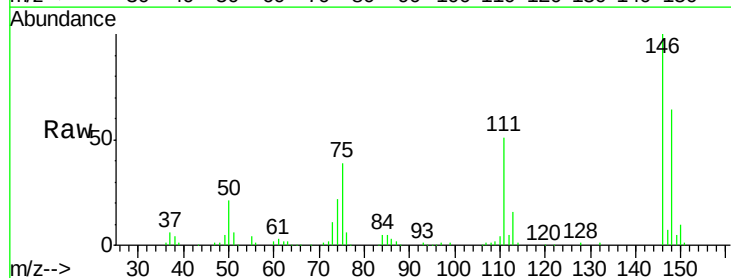
Tgt Ion: 146 Resp: 162694

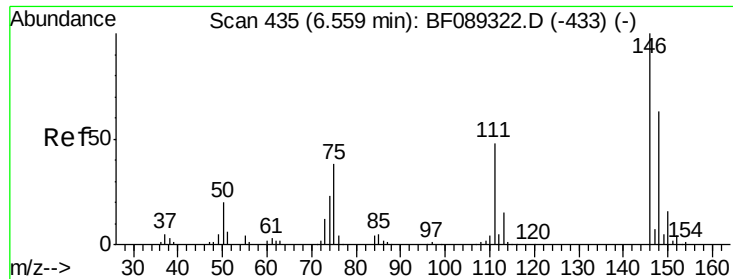
Ion Ratio Lower Upper

146 100

148 63.9 50.5 75.7

75 39.4 30.0 45.0

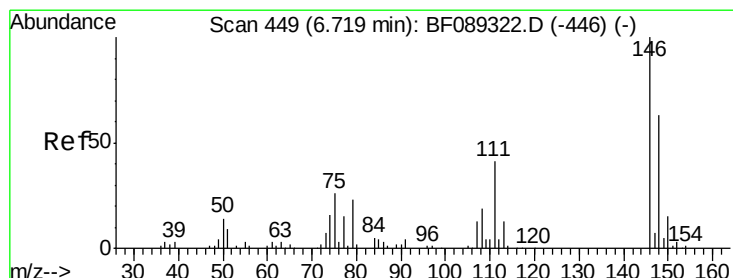
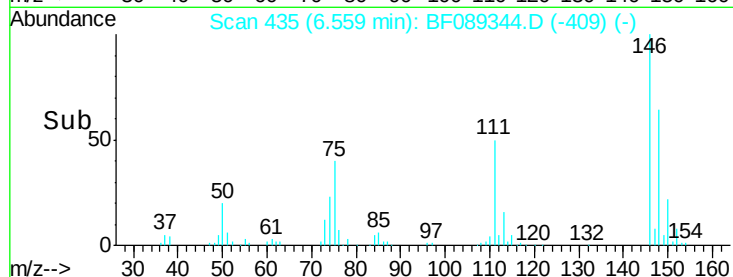
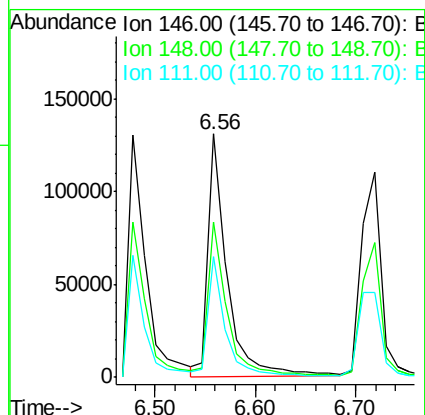
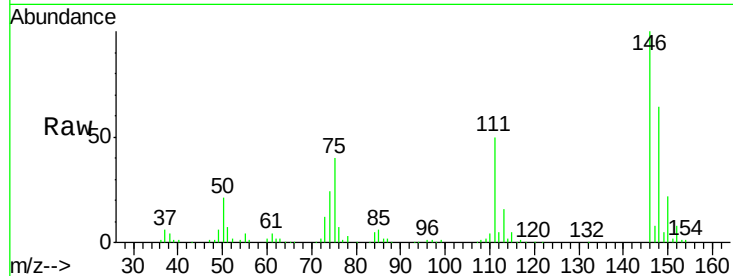




#13
 1,4-Dichlorobenzene
 Concen: 45.17 ng
 RT: 6.56 min Scan# 435
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

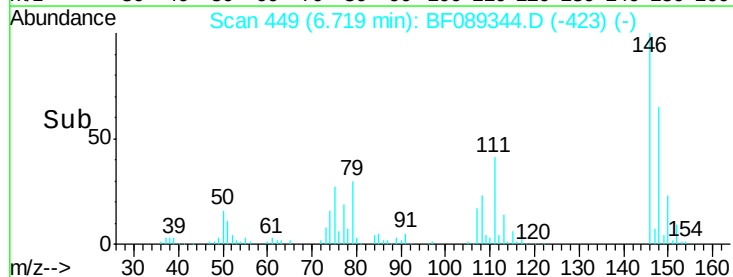
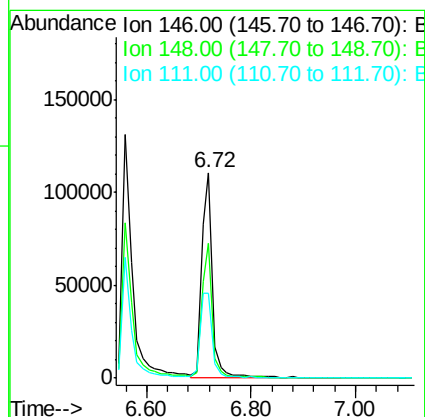
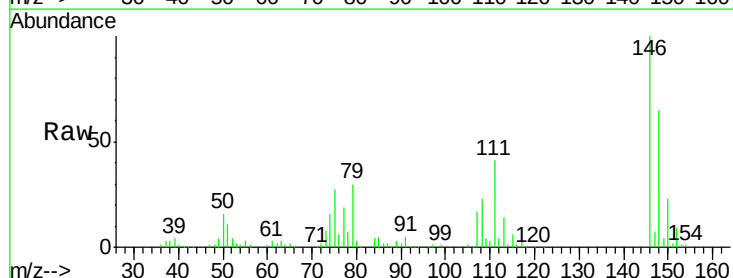
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

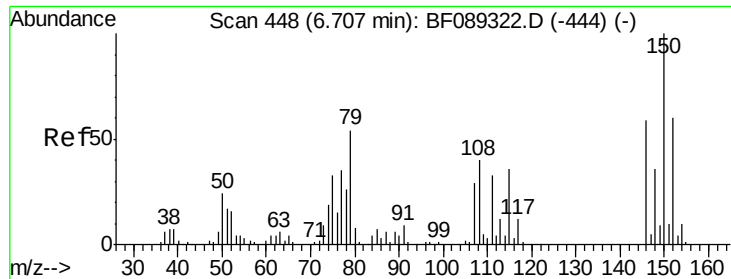
Tgt Ion:146 Resp: 175263
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 49.5 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 44.66 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:146 Resp: 162336
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.4 75.6
 111 41.4 33.0 49.4

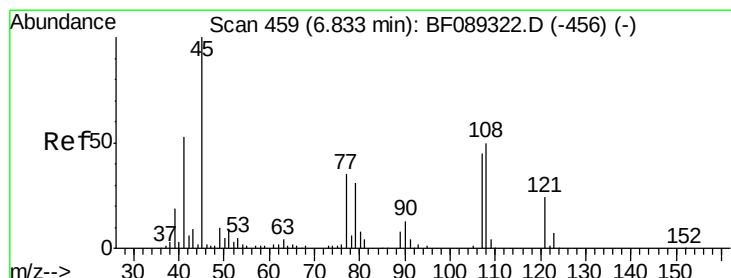
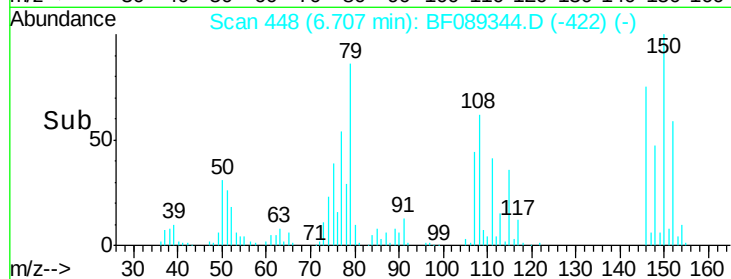
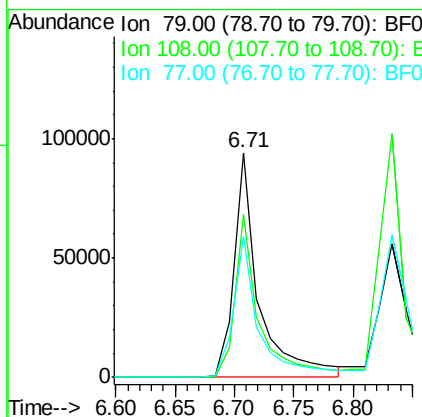
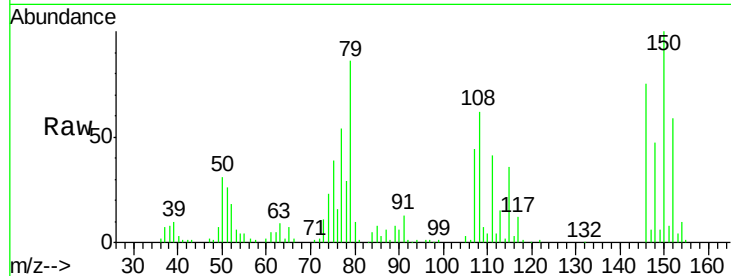




#15
Benzyl Alcohol
Concen: 56.42 ng
RT: 6.71 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

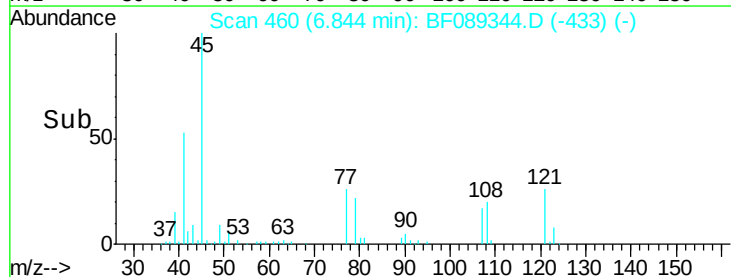
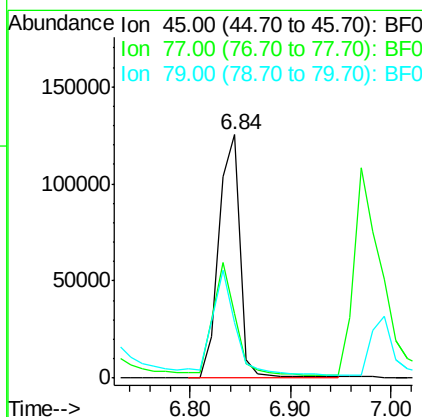
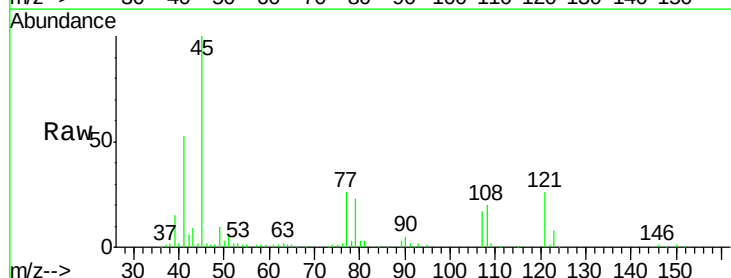
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

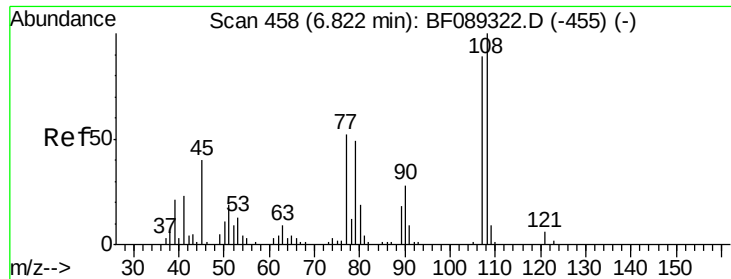
Tgt Ion: 79 Resp: 137500
Ion Ratio Lower Upper
79 100
108 72.3 59.8 89.6
77 63.0 51.7 77.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.72 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion: 45 Resp: 183602
Ion Ratio Lower Upper
45 100
77 26.2 17.3 57.3
79 22.7 13.9 53.9

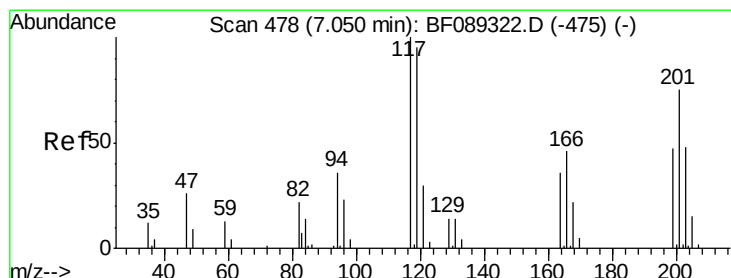
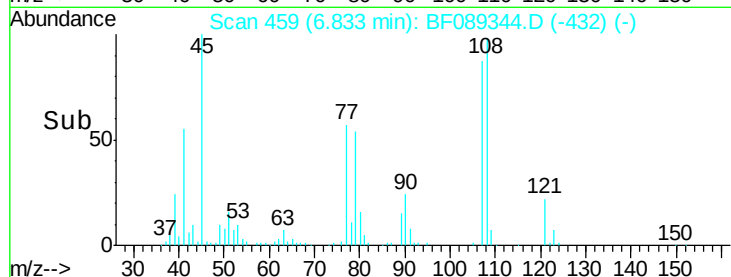
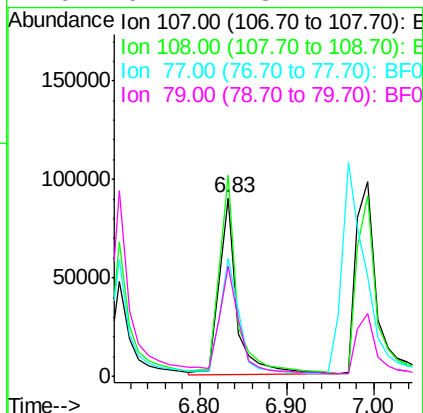
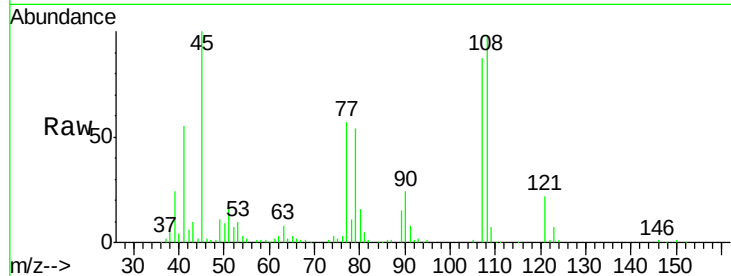




#17
2-Methylphenol
Concen: 49.54 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

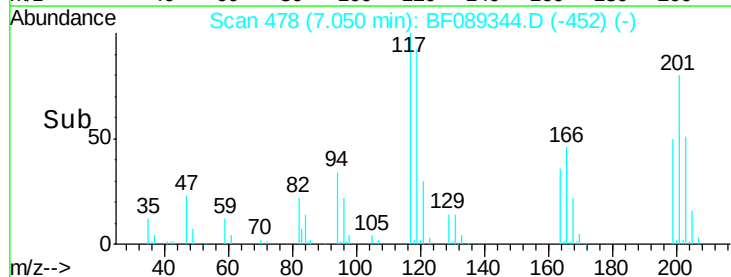
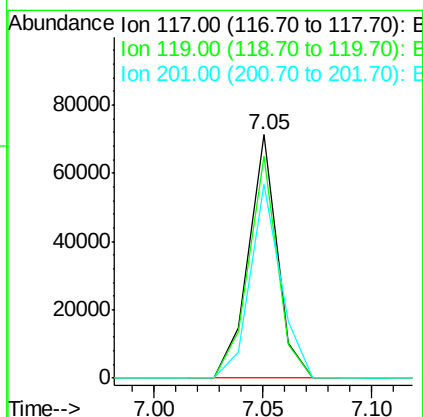
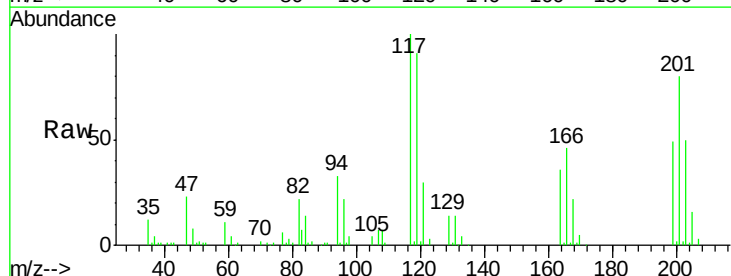
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

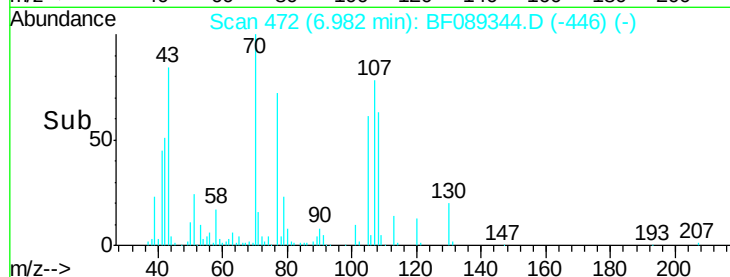
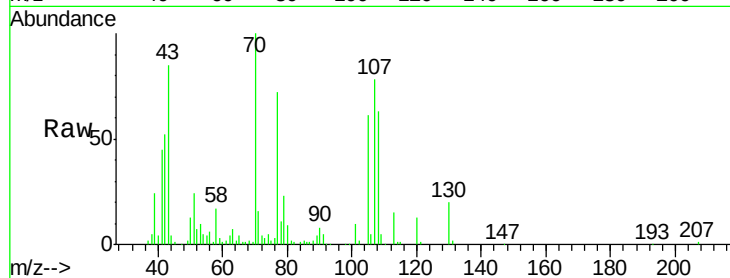
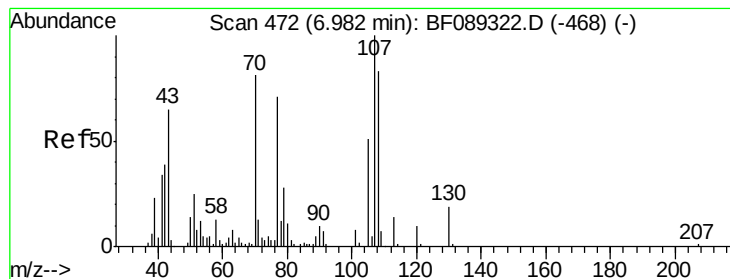
Tgt Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.4	137.0
77	65.7	48.6	73.0
79	61.7	48.2	72.4



#18
Hexachloroethane
Concen: 44.32 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	76.0	114.0
201	79.8	60.0	90.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.18 ng

RT: 6.98 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

Tgt Ion: 70 Resp: 123567

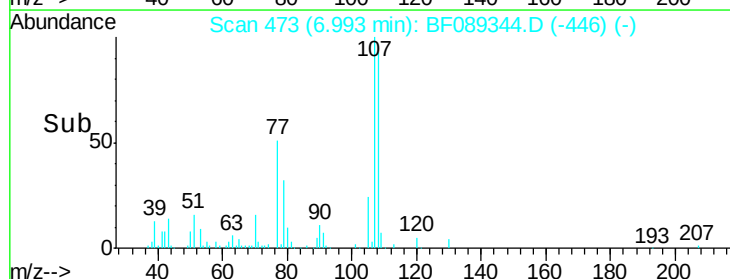
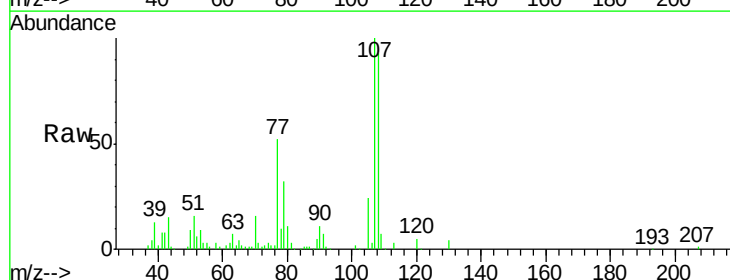
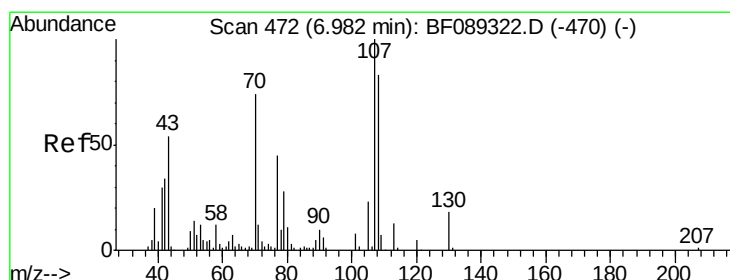
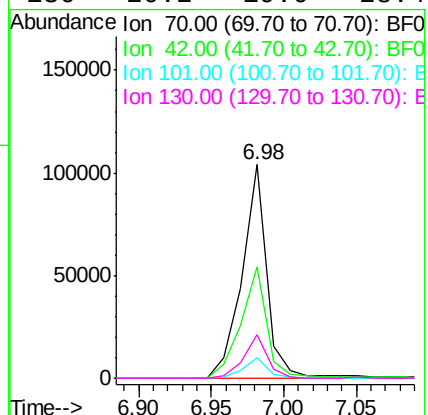
Ion Ratio Lower Upper

70 100

42 51.9 38.6 57.8

101 9.7 8.3 12.5

130 20.2 19.0 28.4



#20

3+4-Methylphenols

Concen: 50.75 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Tgt Ion: 107 Resp: 169314

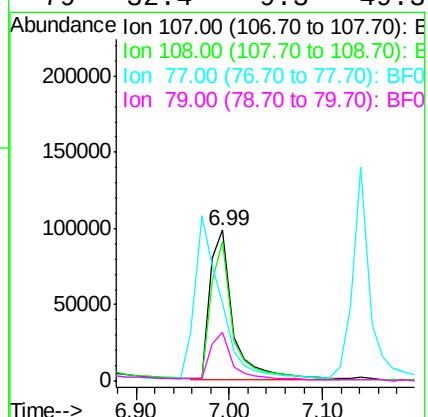
Ion Ratio Lower Upper

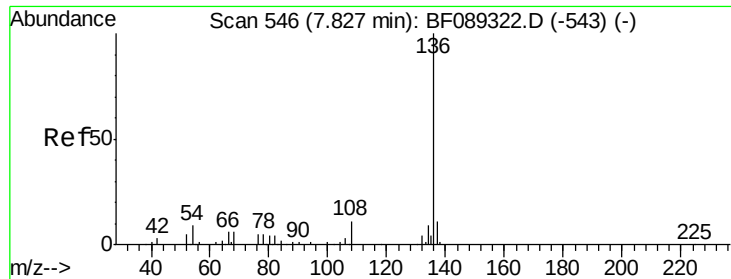
107 100

108 92.6 63.3 103.3

77 51.6 51.1 91.1

79 32.4 9.3 49.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

Tgt Ion:136 Resp: 206955

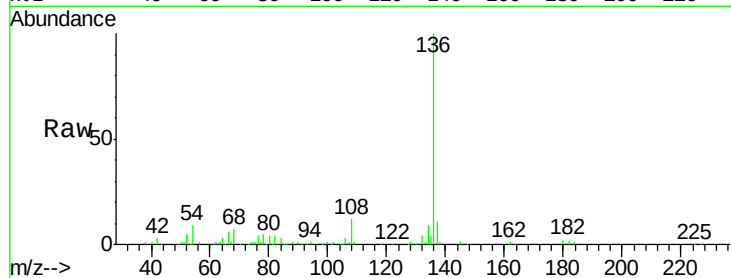
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.6 7.0 10.4

68 6.6 4.9 7.3

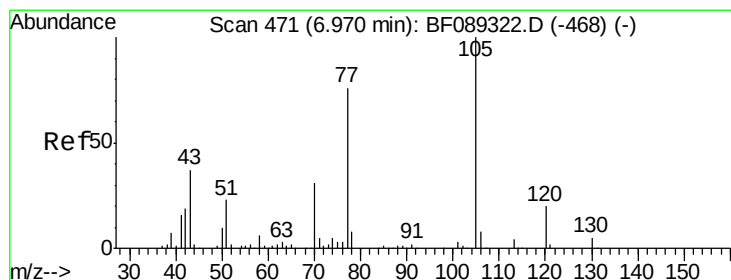
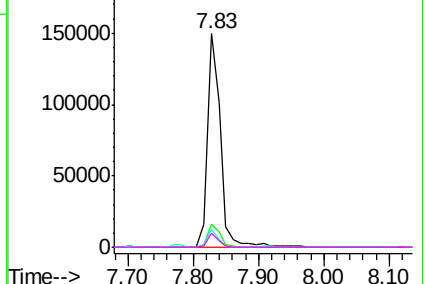
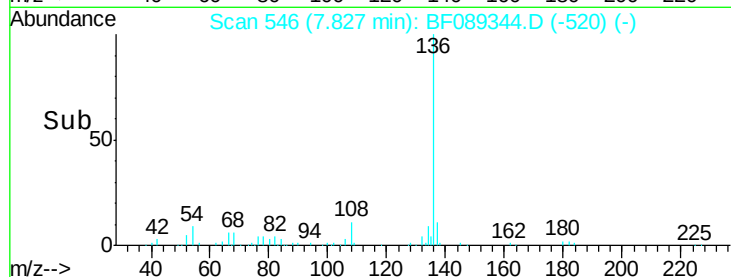


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.86 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Tgt Ion:105 Resp: 211181

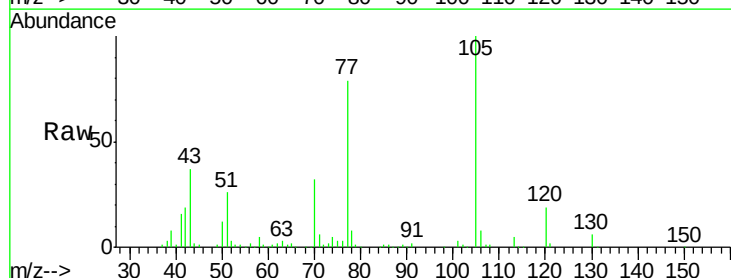
Ion Ratio Lower Upper

105 100

71 5.5 4.2 6.2

51 25.6 18.7 28.1

120 18.9 15.8 23.6

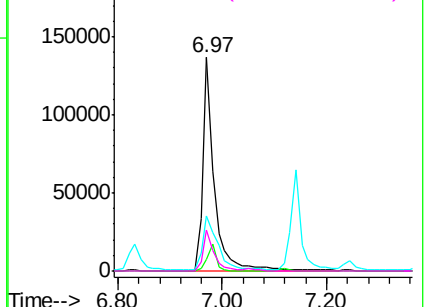
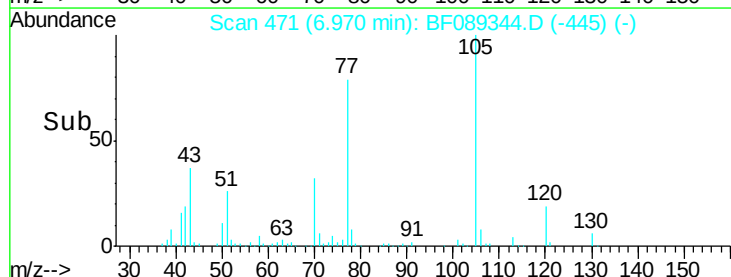


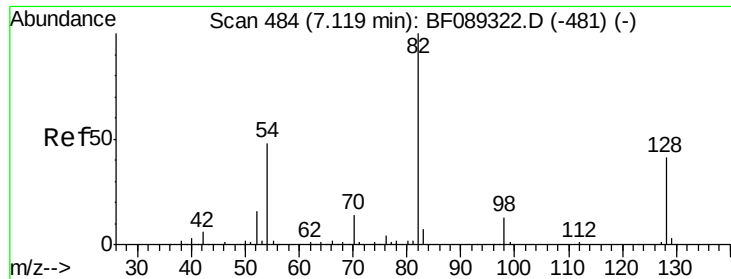
Abundance Ion 105.00 (104.70 to 105.70): E

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

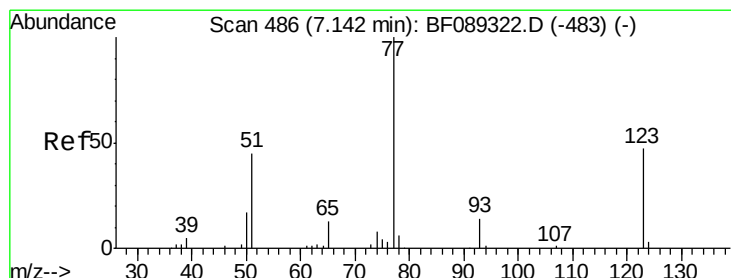
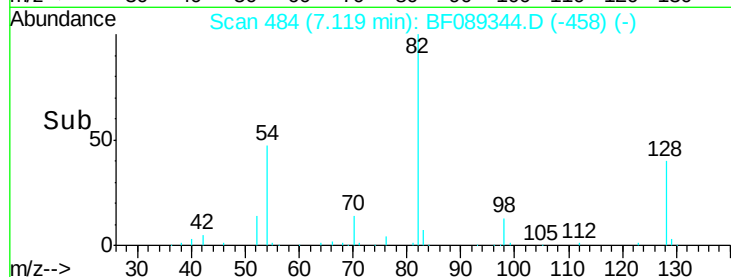
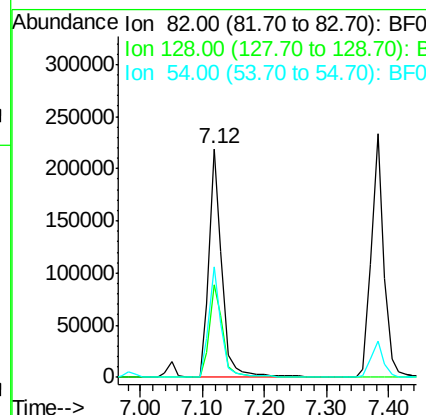
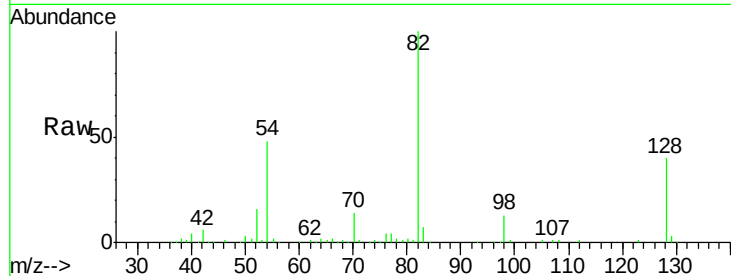




#23
 Nitrobenzene-d5
 Concen: 91.62 ng
 RT: 7.12 min Scan# 484
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

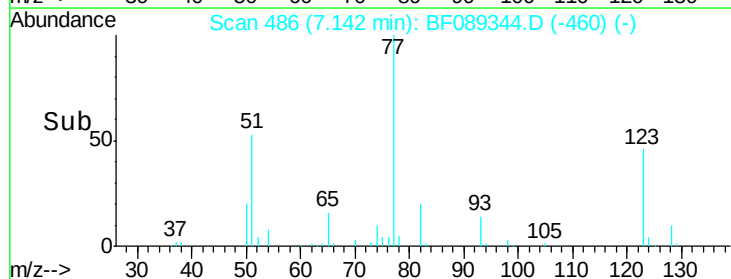
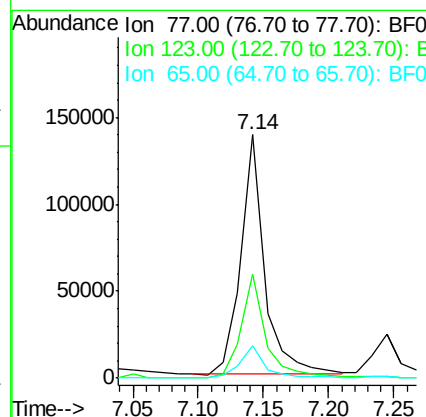
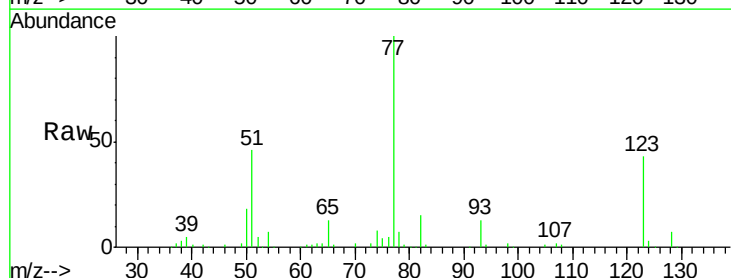
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

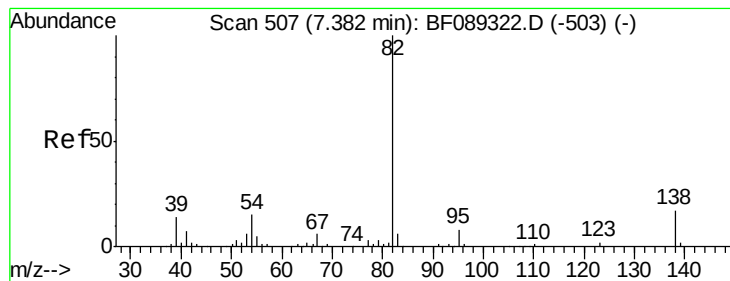
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.5	48.7
54	48.4	38.8	58.2



#24
 Nitrobenzene
 Concen: 43.59 ng
 RT: 7.14 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.7	37.2	55.8
65	13.2	10.2	15.4





#25

Isophorone

Concen: 46.35 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

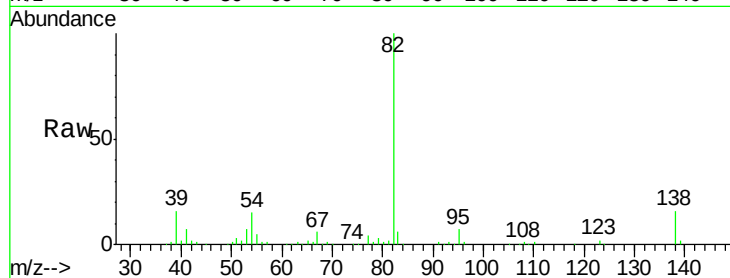
Tgt Ion: 82 Resp: 327330

Ion Ratio Lower Upper

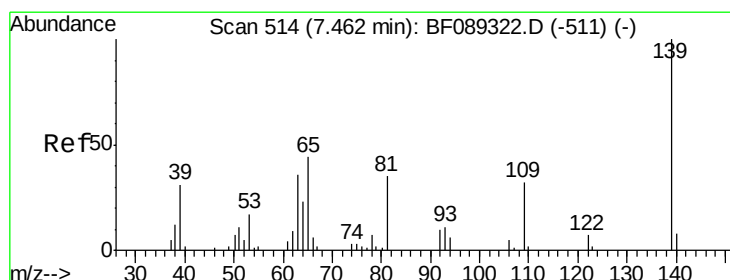
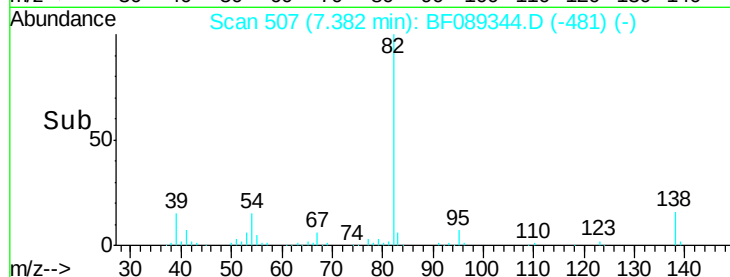
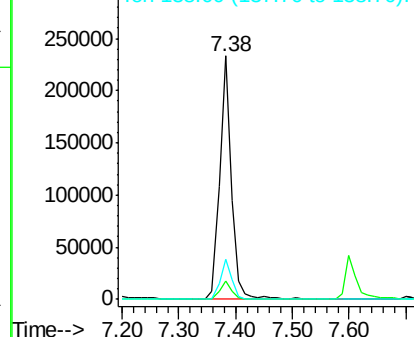
82 100

95 7.4 6.0 9.0

138 16.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 46.25 ng

RT: 7.46 min Scan# 514

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

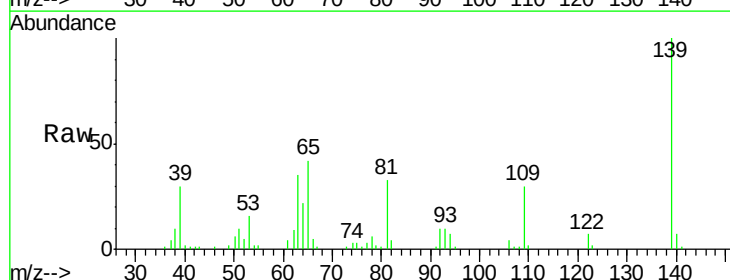
Tgt Ion: 139 Resp: 82520

Ion Ratio Lower Upper

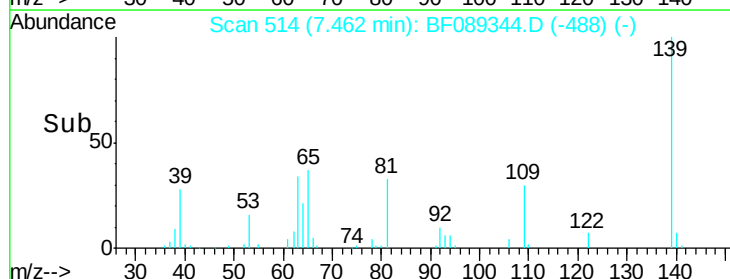
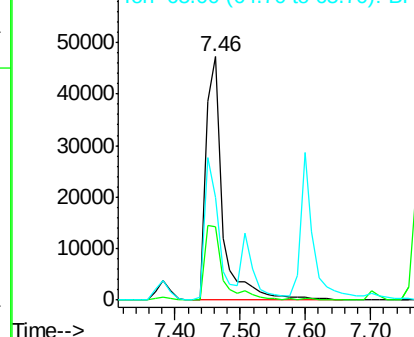
139 100

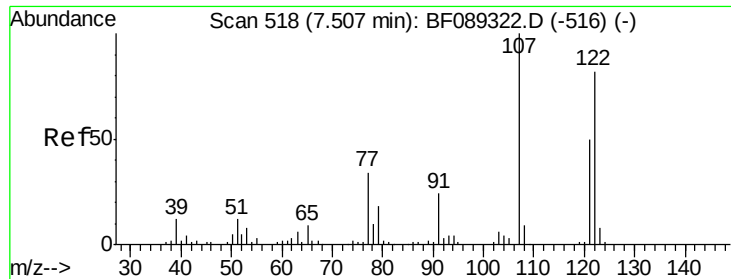
109 30.4 25.8 38.8

65 42.1 35.2 52.8



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

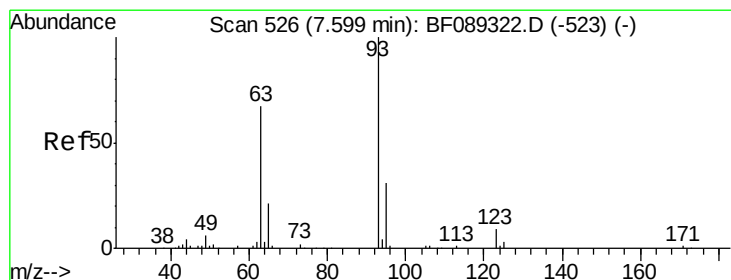
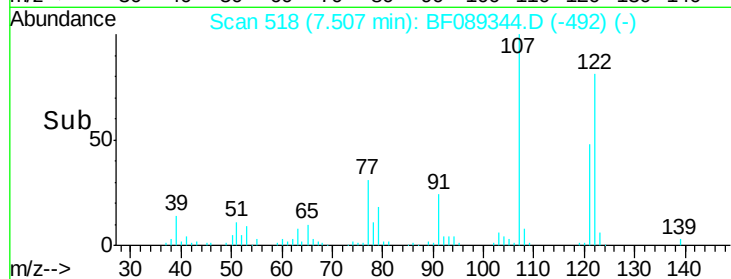
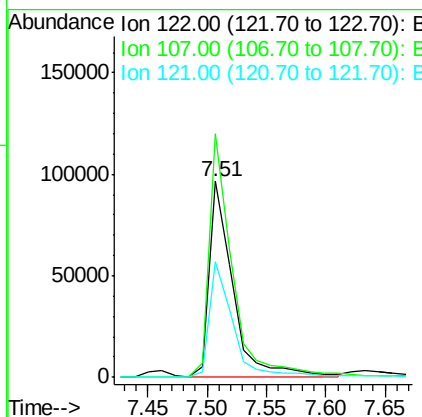
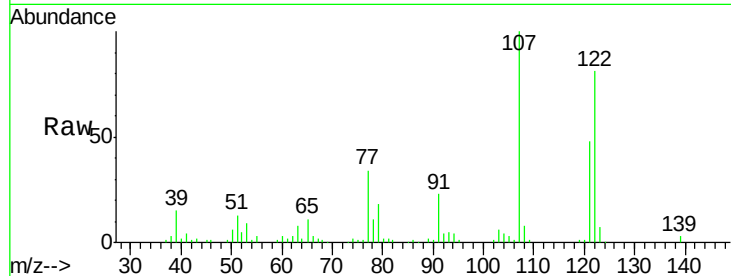




#27
 2,4-Dimethylphenol
 Concen: 46.68 ng
 RT: 7.51 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

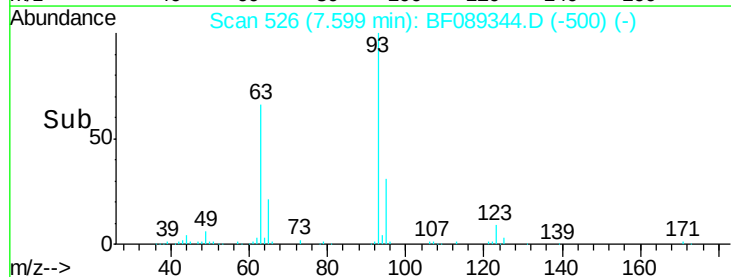
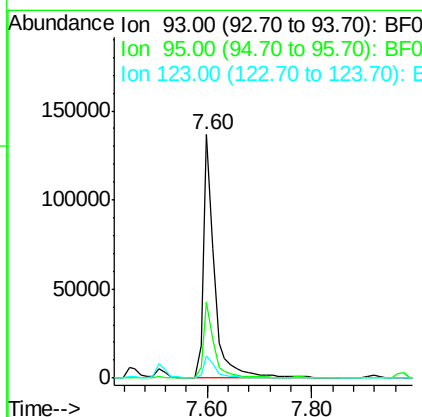
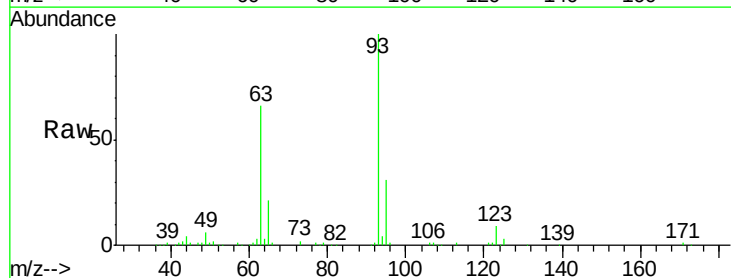
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

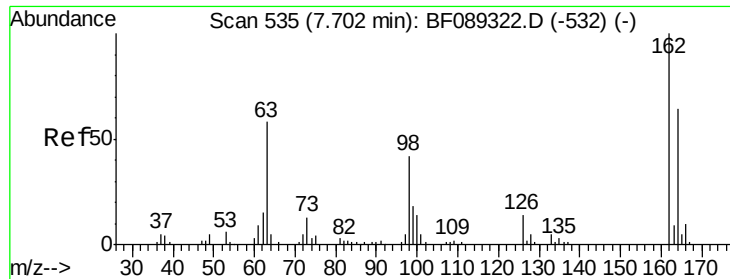
Tgt Ion:122 Resp: 132665
 Ion Ratio Lower Upper
 122 100
 107 124.1 97.2 145.8
 121 59.1 48.8 73.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.47 ng
 RT: 7.60 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion: 93 Resp: 197322
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.7 37.1
 123 9.4 7.5 11.3

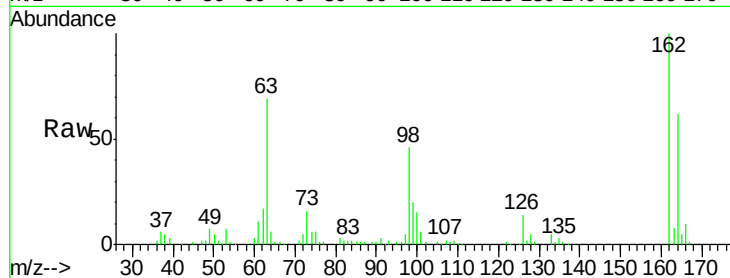




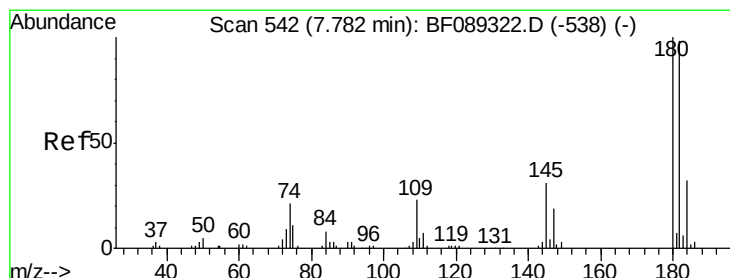
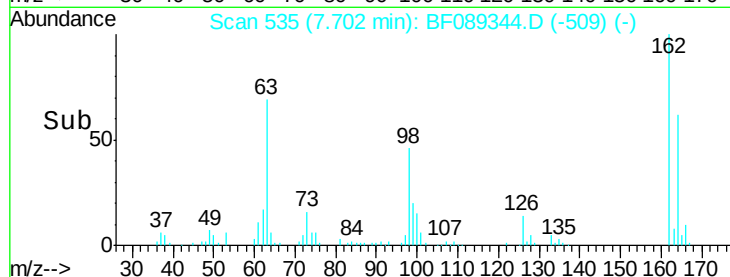
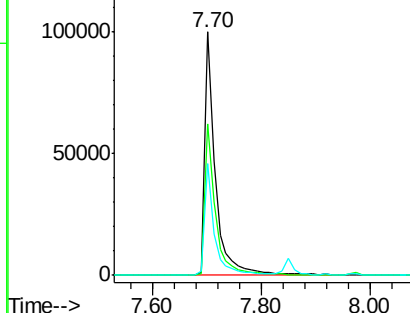
#29
 2,4-Dichlorophenol
 Concen: 52.57 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.2	44.0	84.0
98	46.0	21.8	61.8

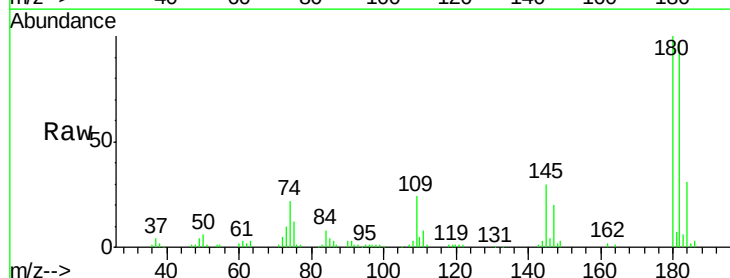


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

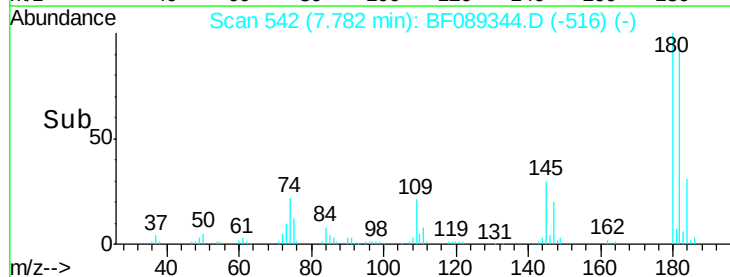
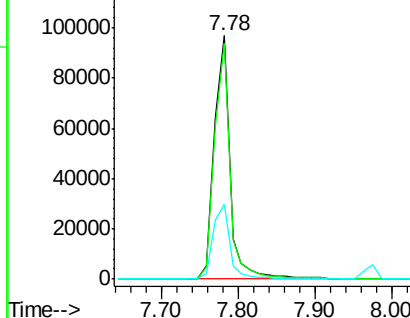


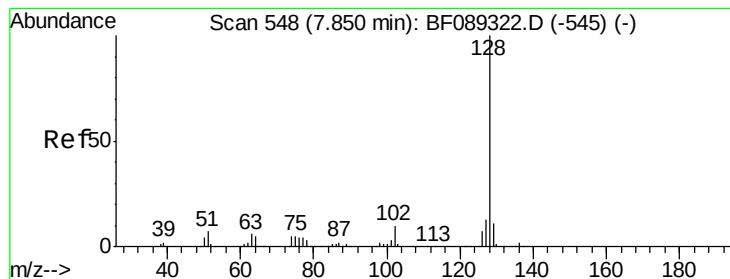
#30
 1,2,4-Trichlorobenzene
 Concen: 46.80 ng
 RT: 7.78 min Scan# 542
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.2	117.2
145	30.4	24.6	36.8



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: 47.52 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

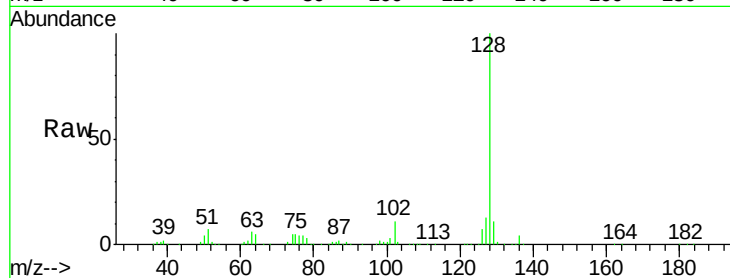
Tgt Ion:128 Resp: 486965

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

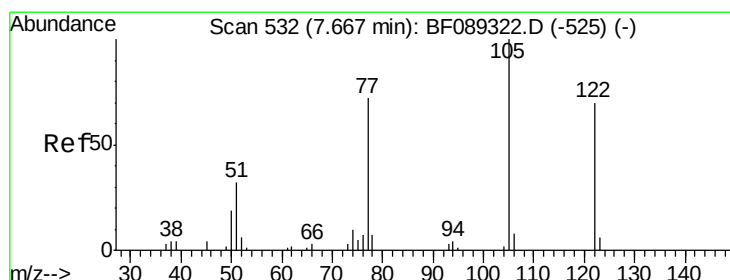
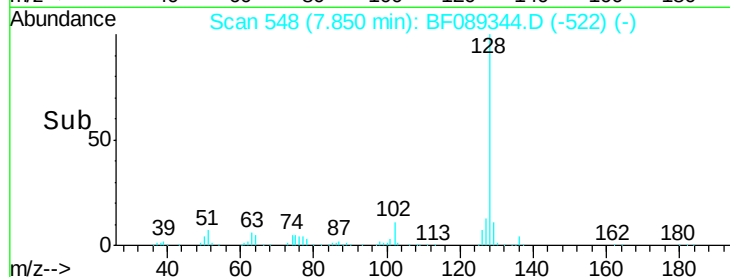
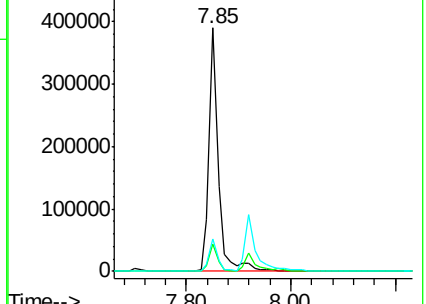
127 13.4 10.8 16.2



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: 4.69 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.03 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

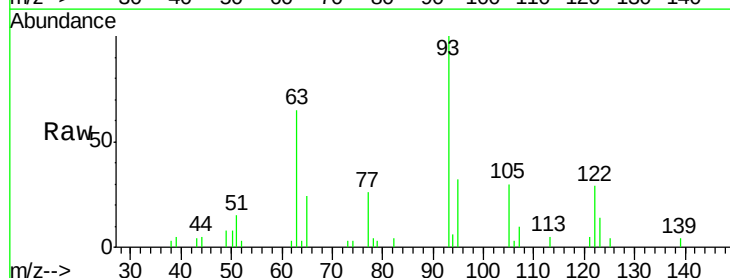
Tgt Ion:122 Resp: 9279

Ion Ratio Lower Upper

122 100

105 101.4 106.4 146.4#

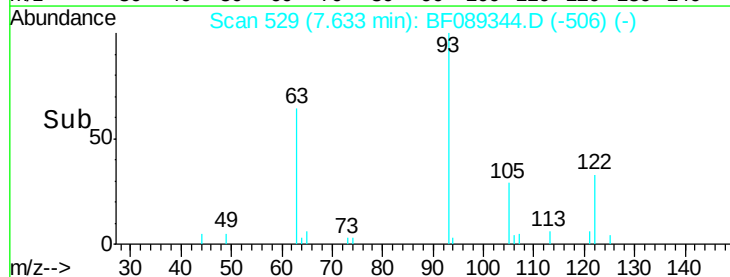
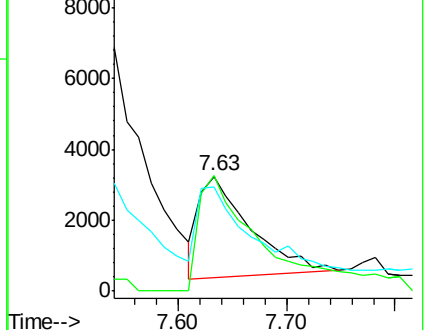
77 90.5 76.4 116.4

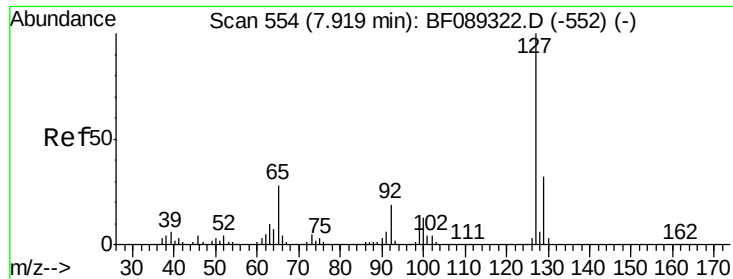


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

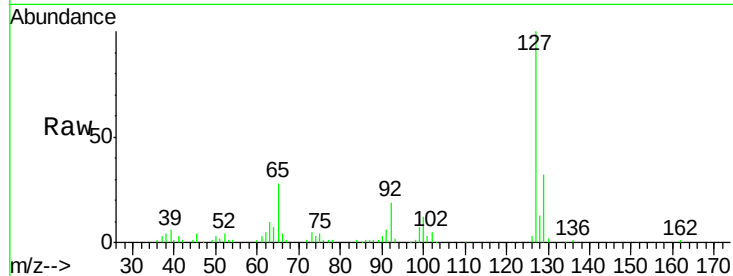




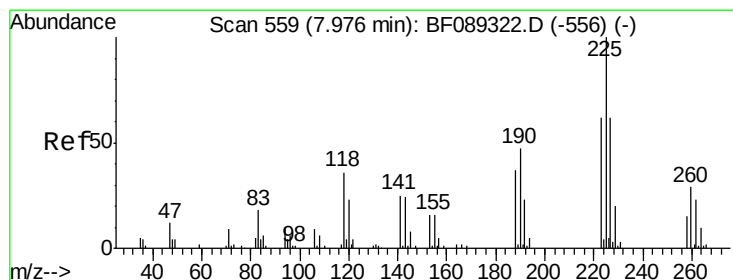
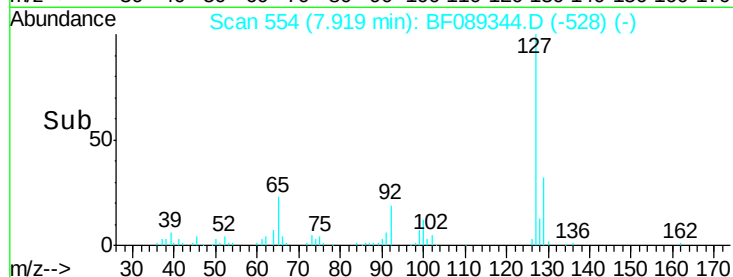
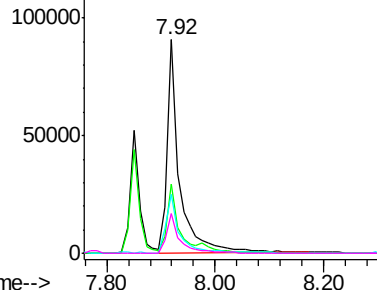
#33
4-Chloroaniline
Concen: 35.84 ng
RT: 7.92 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

Tgt Ion:	127	Resp:	139842
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	27.5	22.0	33.0
92	18.9	15.2	22.8

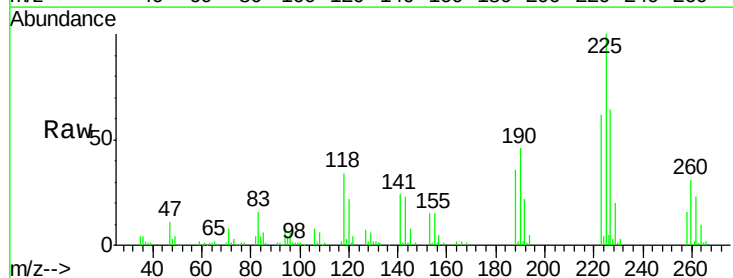


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

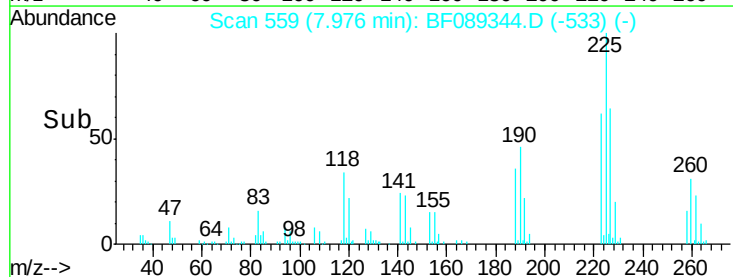
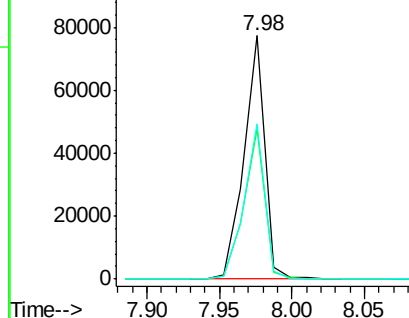


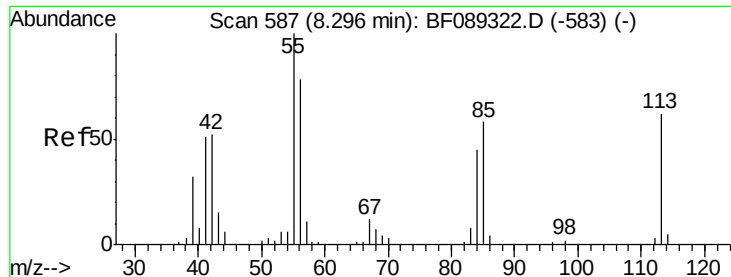
#34
Hexachlorobutadiene
Concen: 45.41 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion:	225	Resp:	76849
Ion	Ratio	Lower	Upper
225	100		
223	61.8	49.8	74.8
227	63.6	49.4	74.2



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

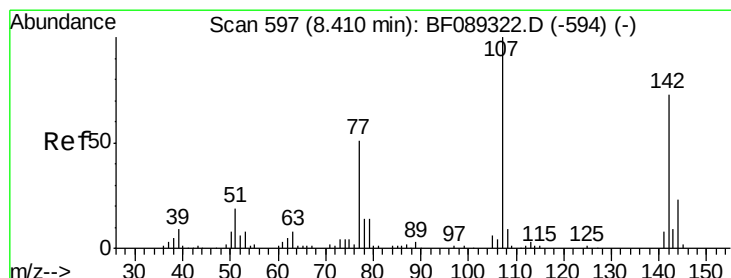
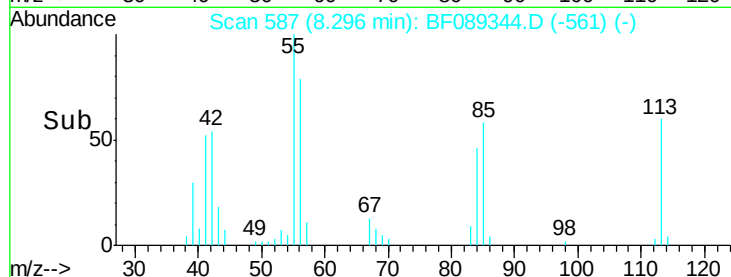
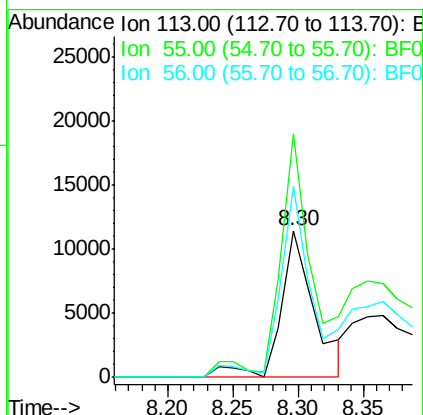
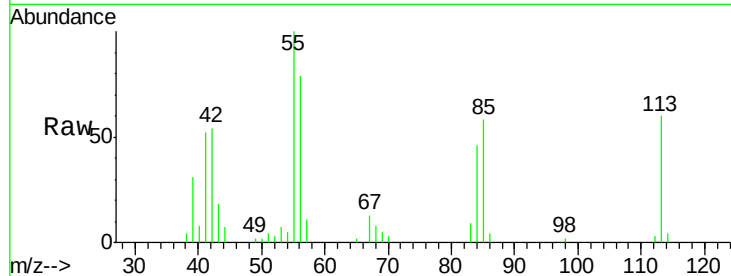




#35
 Caprolactam
 Concen: 26.36 ng
 RT: 8.30 min Scan# 587
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

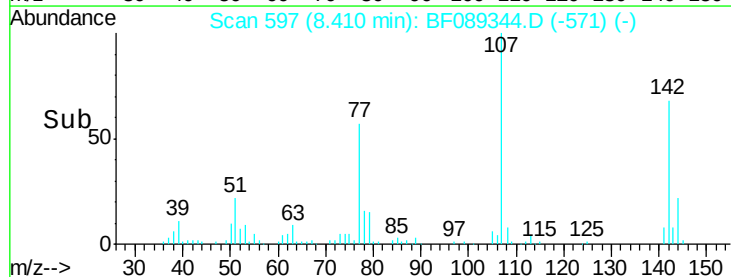
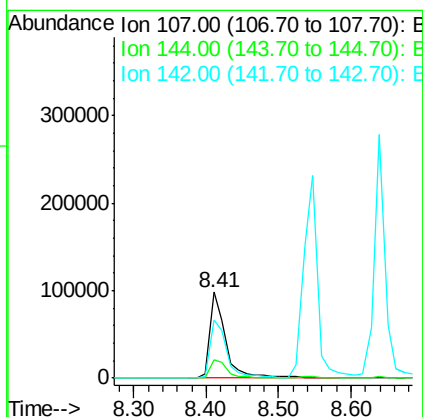
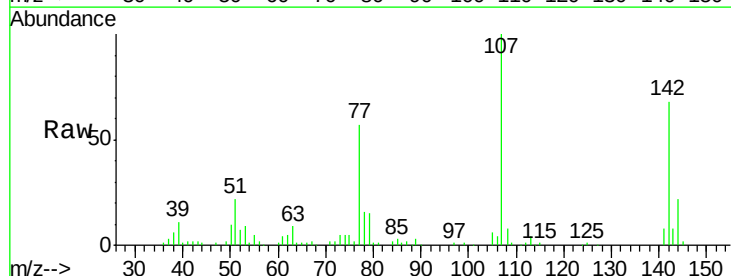
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

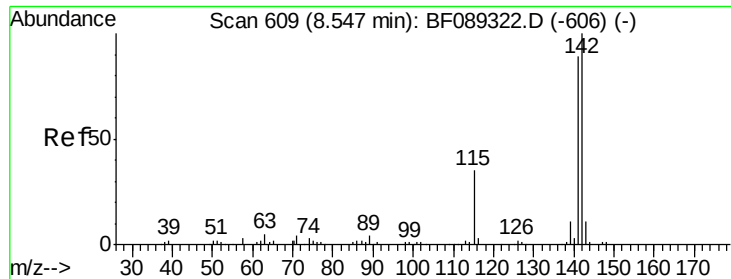
Tgt Ion:113 Resp: 20604
 Ion Ratio Lower Upper
 113 100
 55 165.7 142.3 182.3
 56 130.3 105.8 145.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.11 ng
 RT: 8.41 min Scan# 597
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:107 Resp: 148071
 Ion Ratio Lower Upper
 107 100
 144 21.8 18.4 27.6
 142 67.8 58.6 87.8

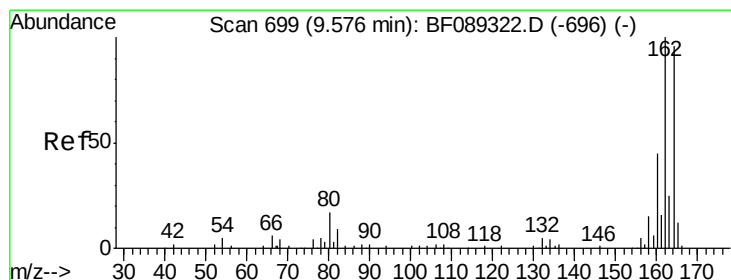
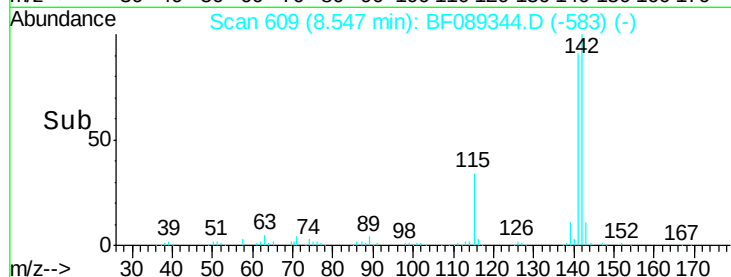
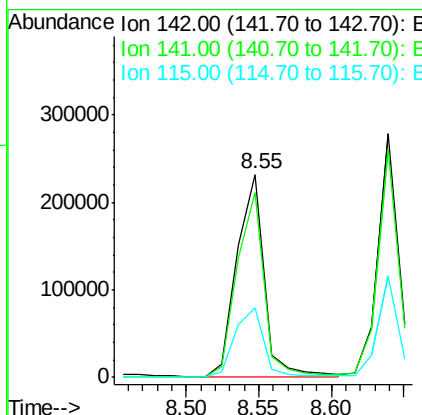
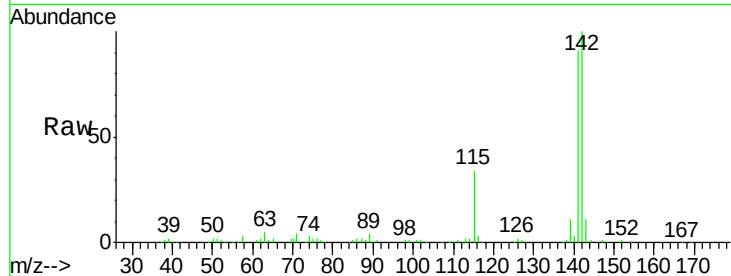




#37
 2-Methylnaphthalene
 Concen: 49.55 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

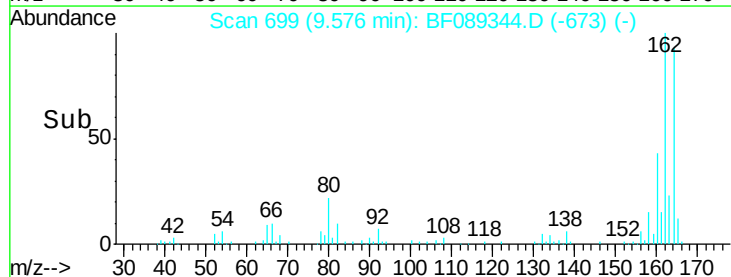
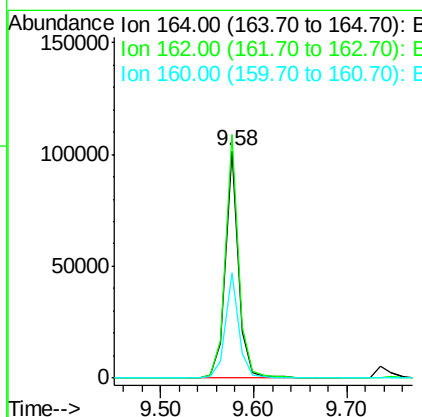
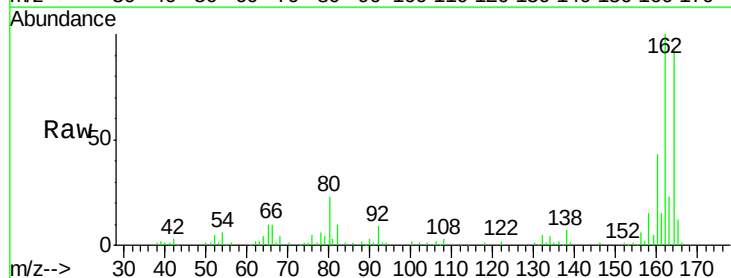
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

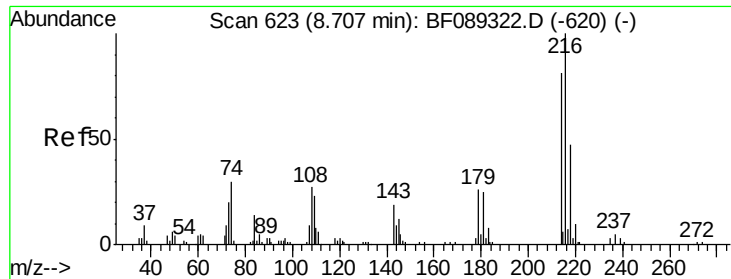
Tgt Ion:142 Resp: 305980
 Ion Ratio Lower Upper
 142 100
 141 91.0 70.9 106.3
 115 34.1 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:164 Resp: 99880
 Ion Ratio Lower Upper
 164 100
 162 107.1 83.7 125.5
 160 46.3 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.94 ng

RT: 8.71 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

Tgt Ion:216 Resp: 111630

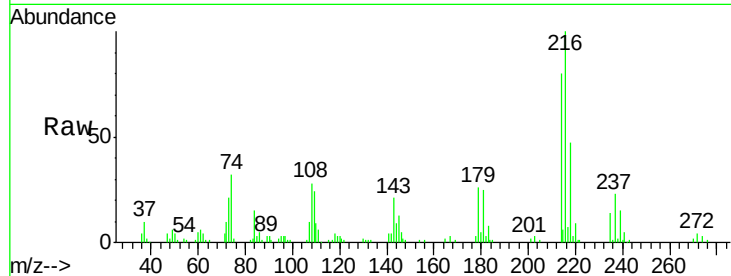
Ion Ratio Lower Upper

216 100

214 78.6 63.3 94.9

179 22.9 18.1 27.1

108 24.1 17.2 25.8

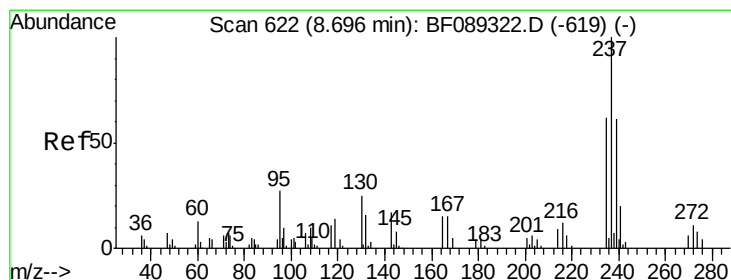
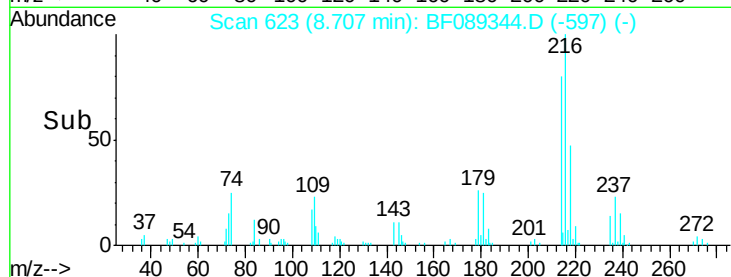
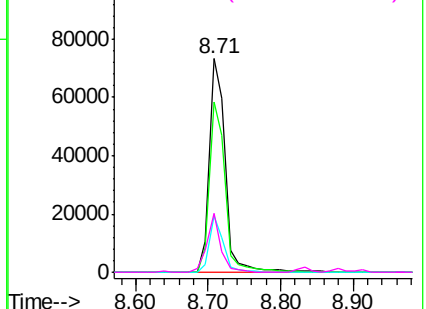


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.29 ng

RT: 8.70 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

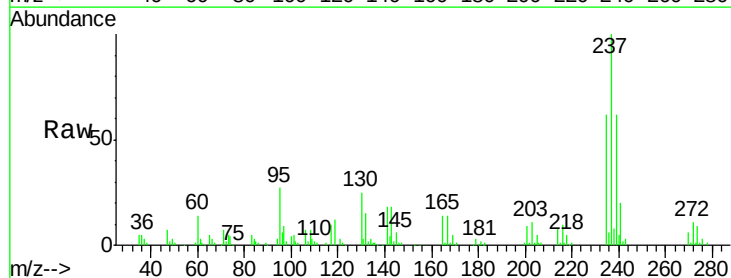
Tgt Ion:237 Resp: 97974

Ion Ratio Lower Upper

237 100

235 62.0 41.6 81.6

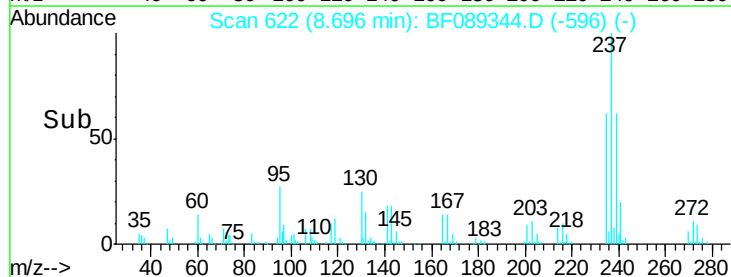
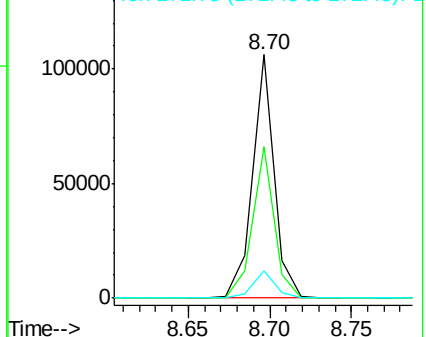
272 11.1 0.0 30.8

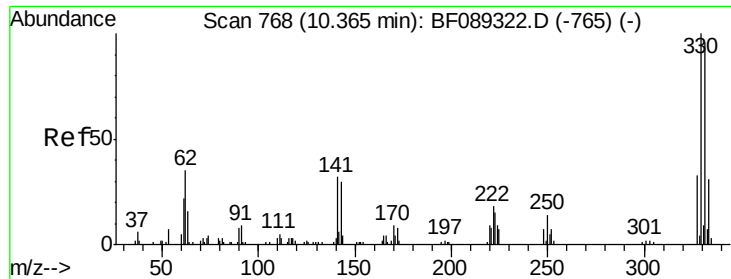


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

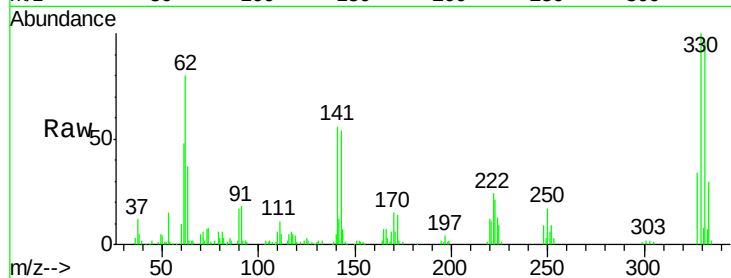




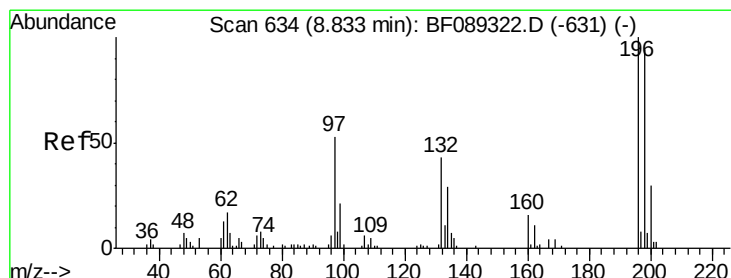
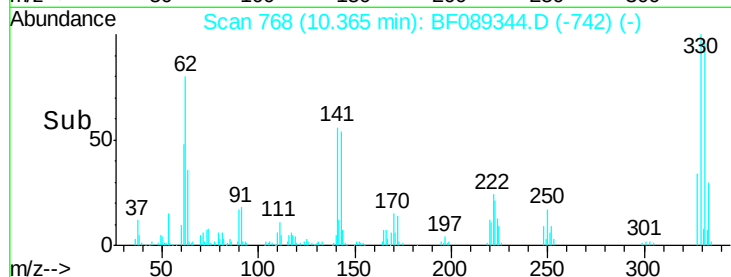
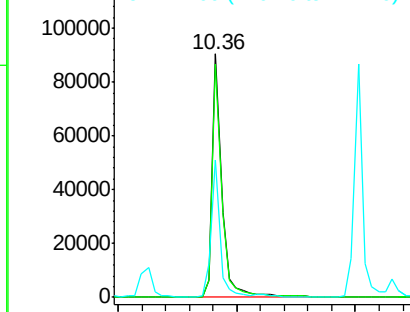
#41
 2,4,6-Tribromophenol
 Concen: 124.14 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:330 Resp: 102690
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.8 115.2
 141 55.1 37.3 55.9

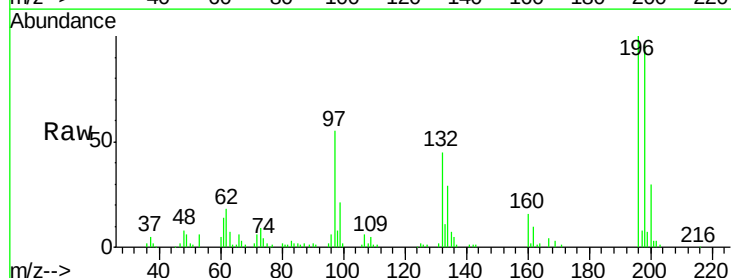


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

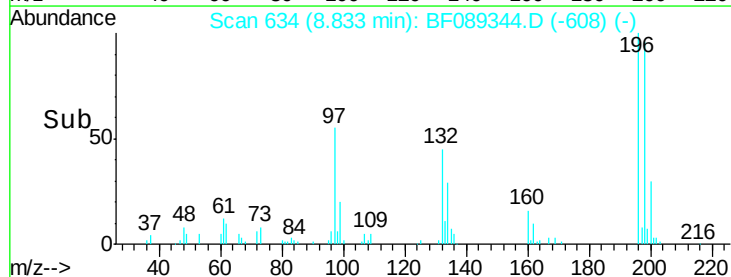
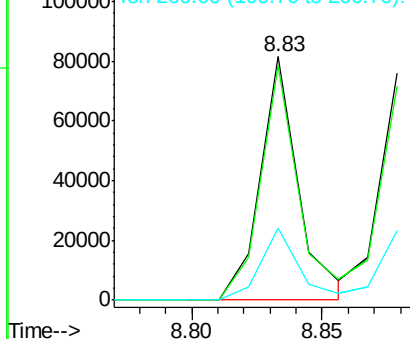


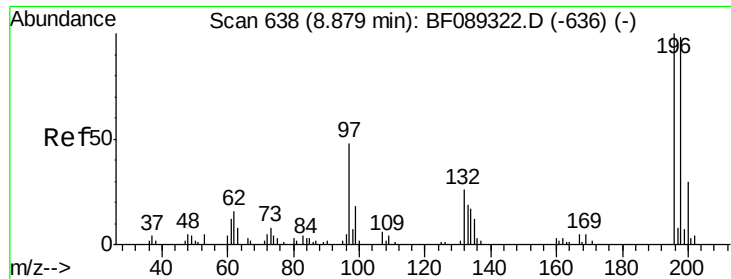
#42
 2,4,6-Trichlorophenol
 Concen: 49.30 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:196 Resp: 81922
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.5 113.3
 200 29.7 23.9 35.9



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

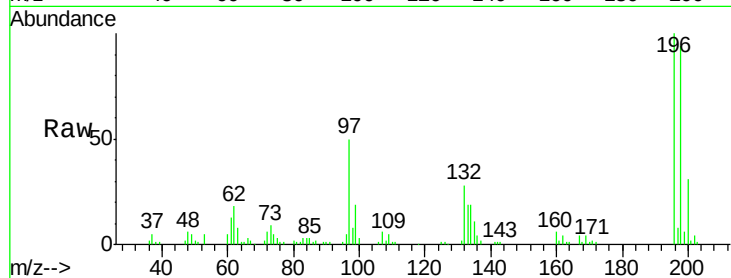




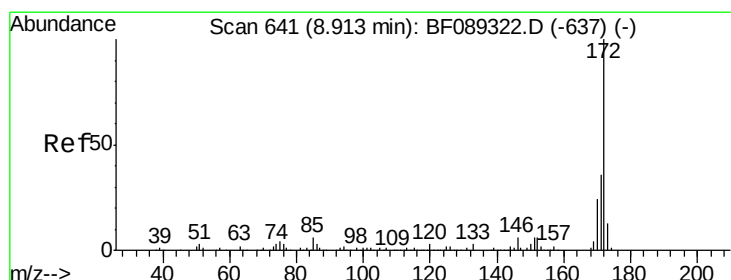
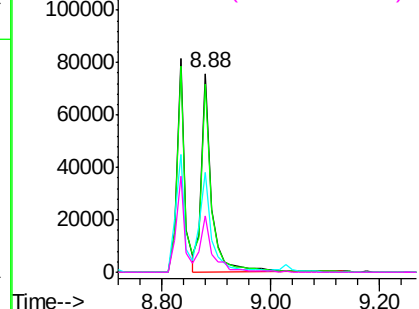
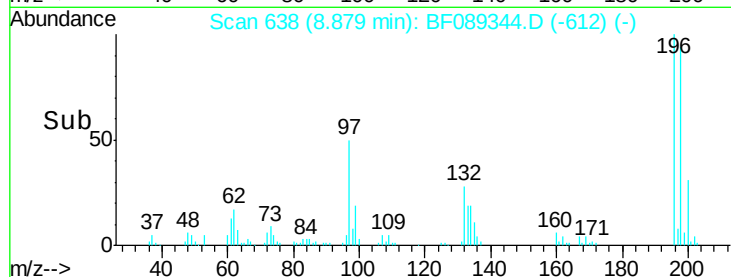
#43
 2,4,5-Trichlorophenol
 Concen: 46.49 ng
 RT: 8.88 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:196 Resp: 97863
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.7 118.1
 97 50.1 39.7 59.5
 132 28.3 22.8 34.2

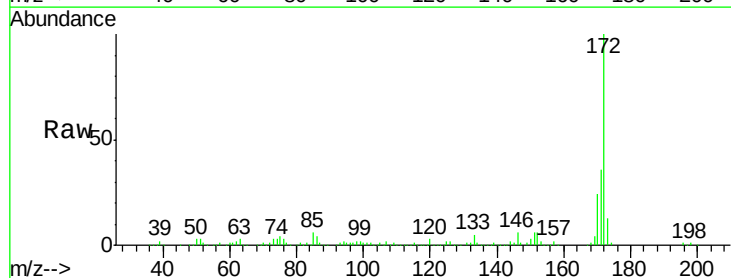


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

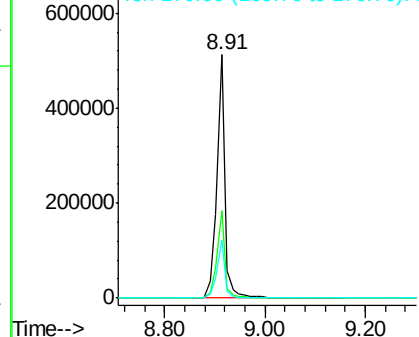
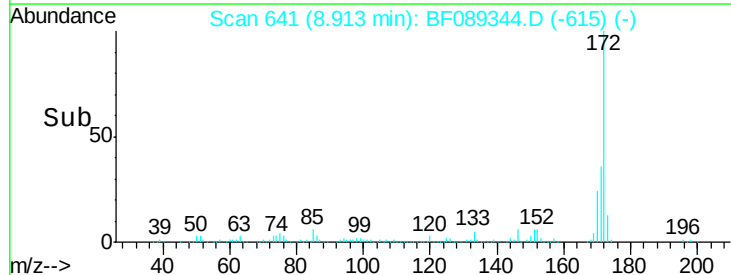


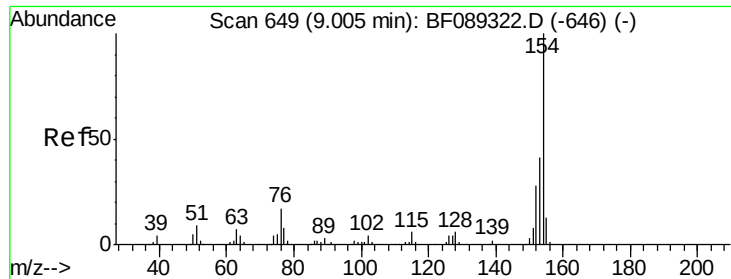
#44
 2-Fluorobiphenyl
 Concen: 84.07 ng
 RT: 8.91 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:172 Resp: 572196
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.2 43.8
 170 23.7 19.2 28.8



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

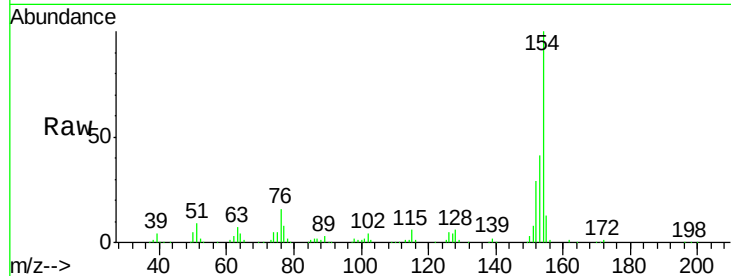




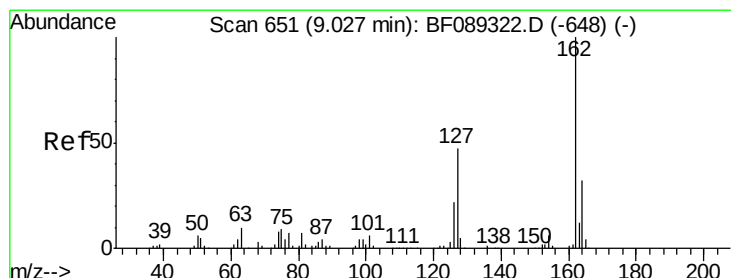
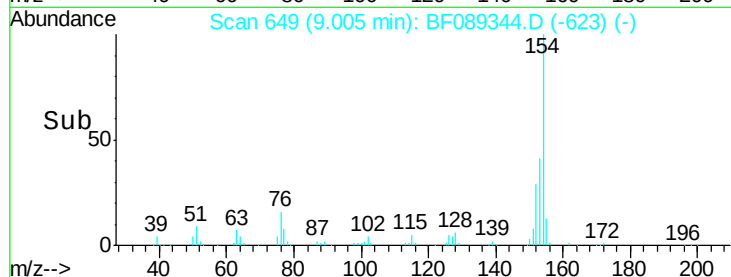
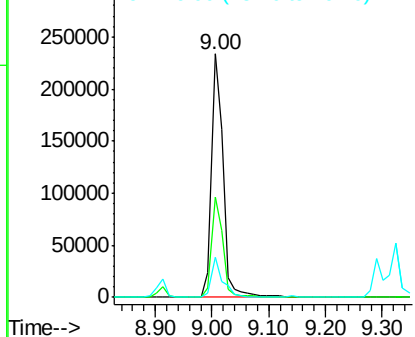
#45
 1,1'-Biphenyl
 Concen: 37.81 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:154 Resp: 321566
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.0 61.0
 76 16.4 0.0 36.6

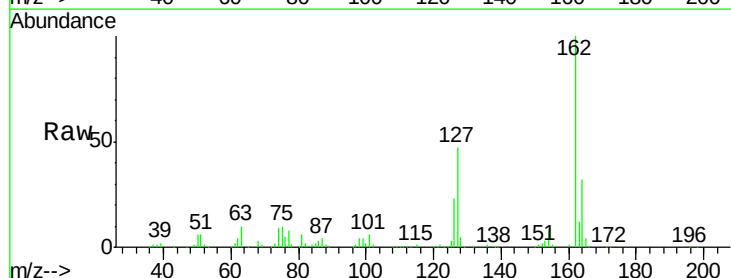


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

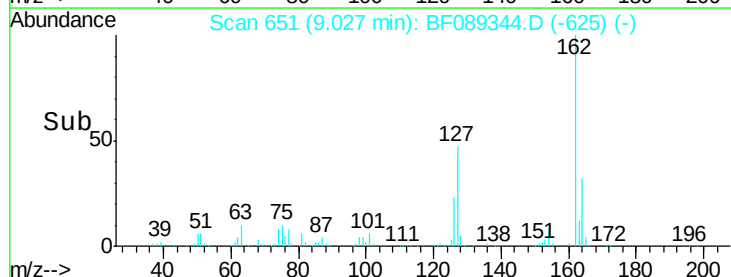
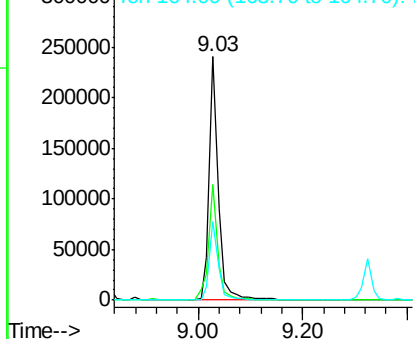


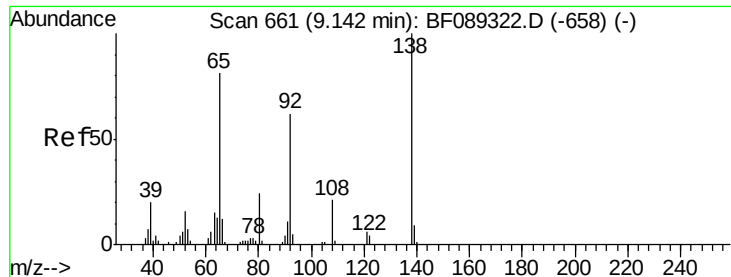
#46
 2-Chloronaphthalene
 Concen: 45.54 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:162 Resp: 290820
 Ion Ratio Lower Upper
 162 100
 127 47.4 37.8 56.8
 164 32.0 25.8 38.8



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

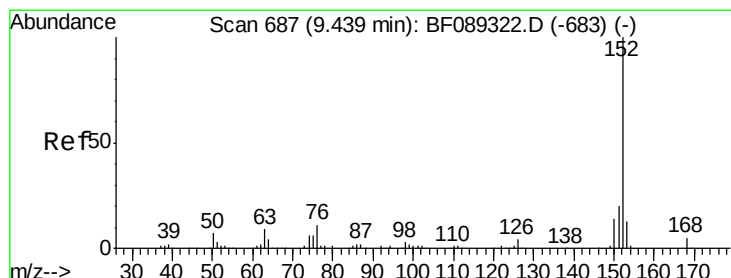
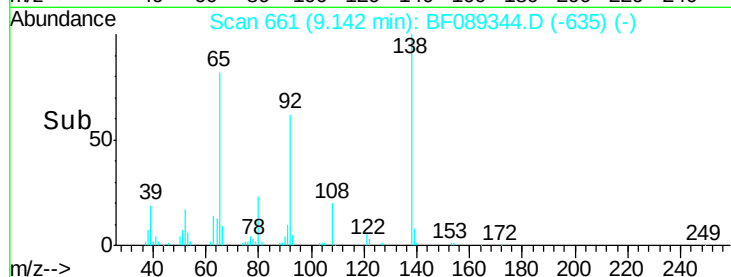
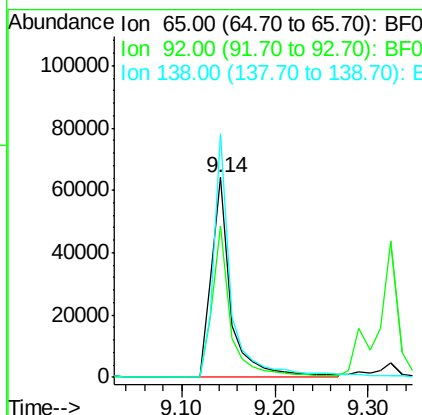
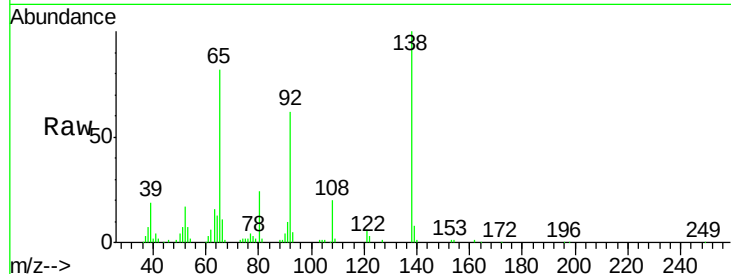




#47
2-Nitroaniline
Concen: 49.82 ng
RT: 9.14 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

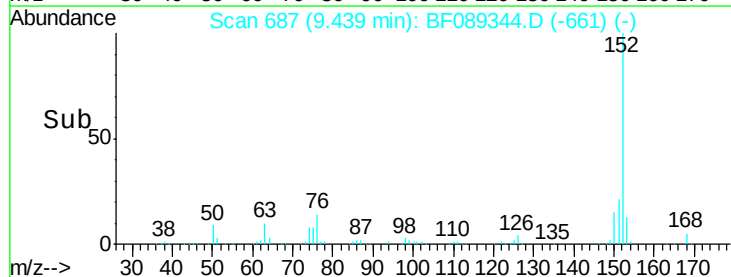
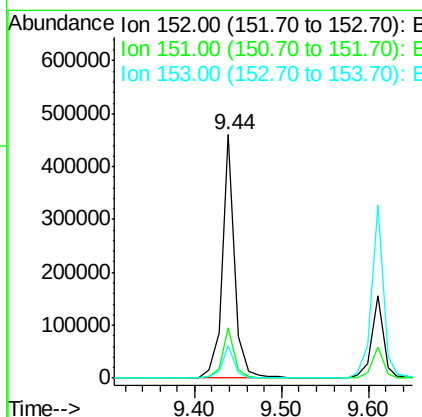
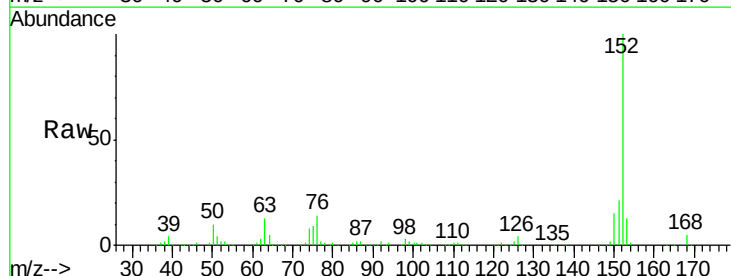
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

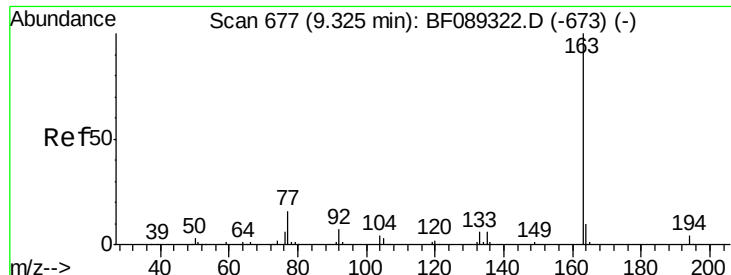
Tgt Ion: 65 Resp: 94233
Ion Ratio Lower Upper
65 100
92 75.9 61.0 91.4
138 122.1 99.1 148.7



#48
Acenaphthylene
Concen: 45.65 ng
RT: 9.44 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion: 152 Resp: 459242
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 60.00 ng

RT: 9.32 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

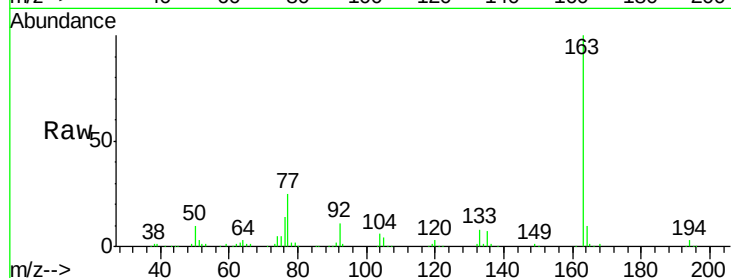
Tgt Ion:163 Resp: 456064

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 10.5 7.8 11.8

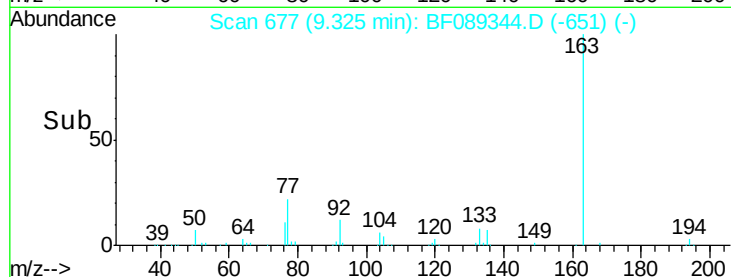


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

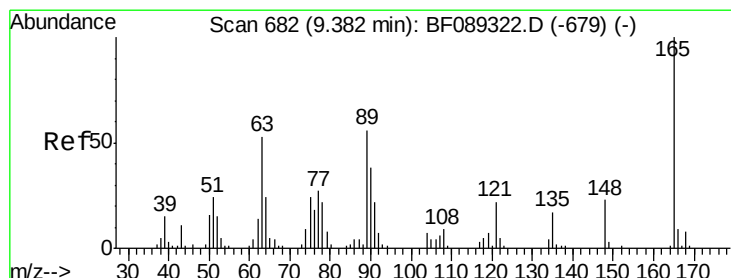
Ion 164.00 (163.70 to 164.70): E

Time-->



Abundance

Time-->



#50

2,6-Dinitrotoluene

Concen: 46.95 ng

RT: 9.38 min Scan# 682

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

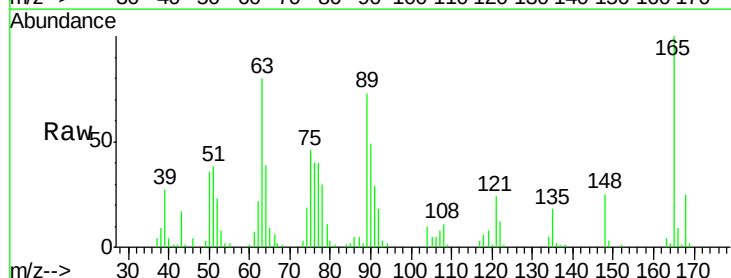
Tgt Ion:165 Resp: 73324

Ion Ratio Lower Upper

165 100

63 79.7 43.5 65.3#

89 73.2 45.0 67.4#

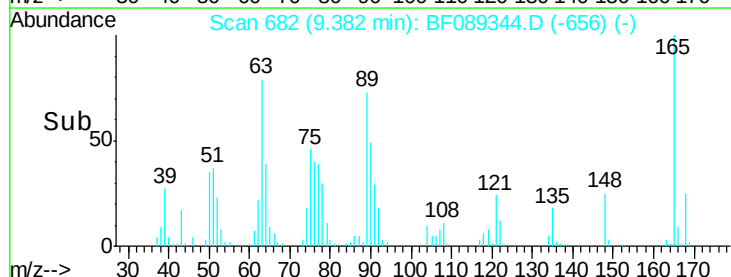


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

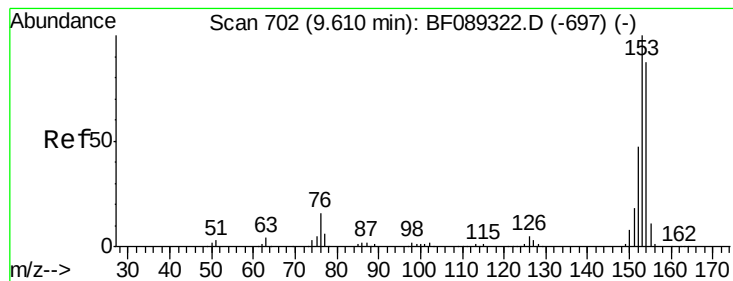
Ion 89.00 (88.70 to 89.70): BF0

Time-->



Abundance

Time-->



#51

Acenaphthene

Concen: 46.27 ng

RT: 9.61 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

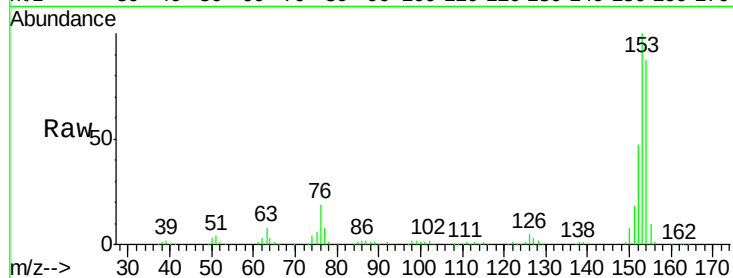
Tgt Ion:154 Resp: 271844

Ion Ratio Lower Upper

154 100

153 115.3 91.4 137.2

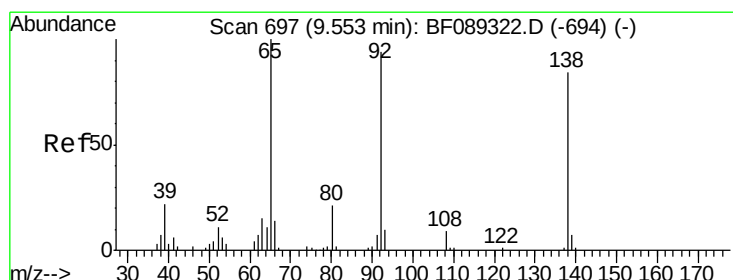
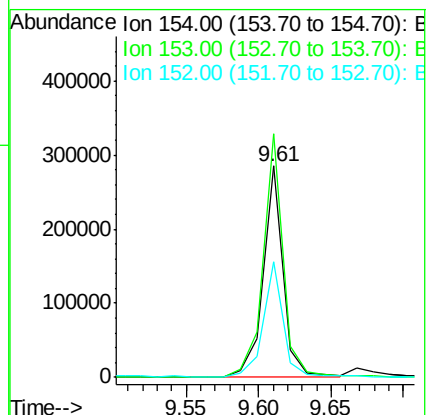
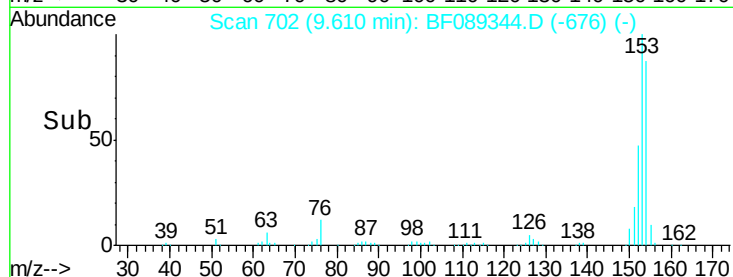
152 54.6 43.8 65.6



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: 43.29 ng

RT: 9.55 min Scan# 697

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

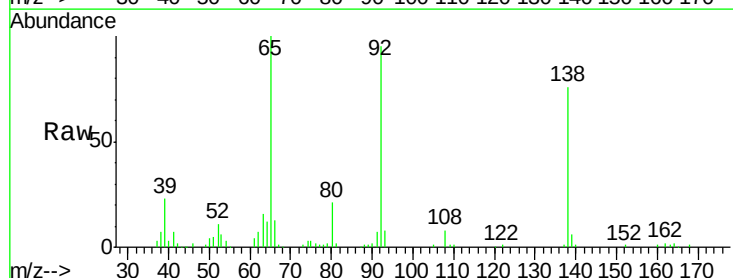
Tgt Ion:138 Resp: 71360

Ion Ratio Lower Upper

138 100

108 11.1 8.6 13.0

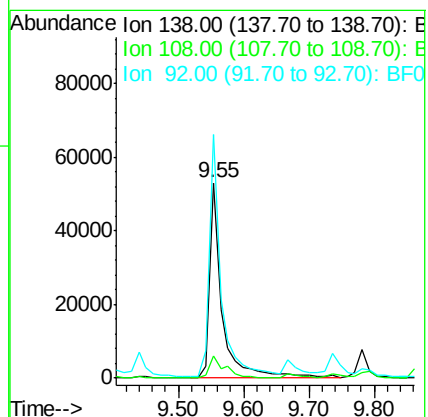
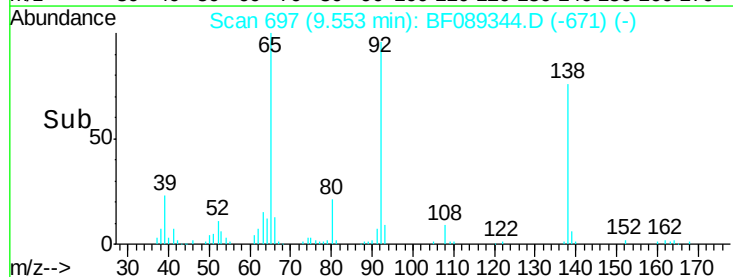
92 124.7 90.0 135.0

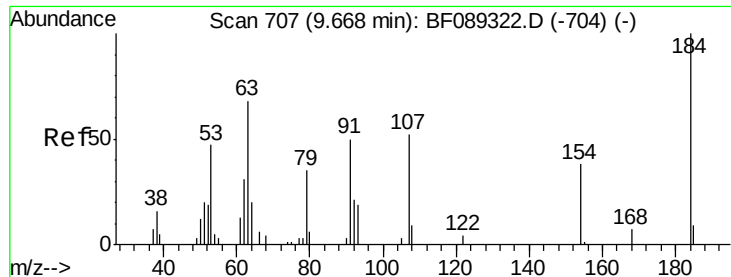


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

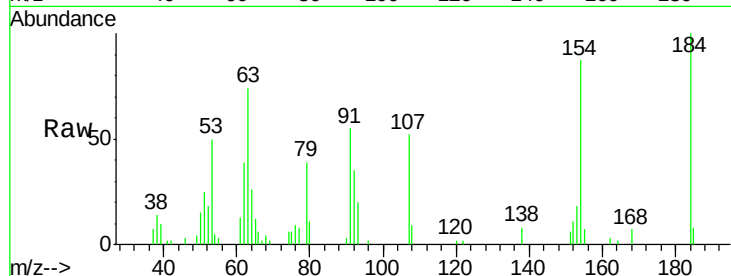




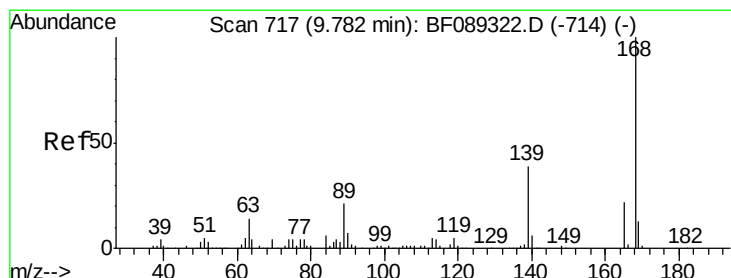
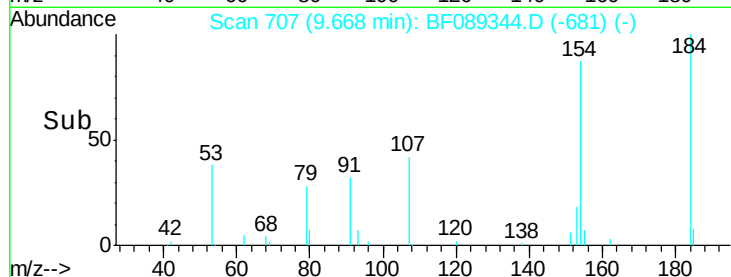
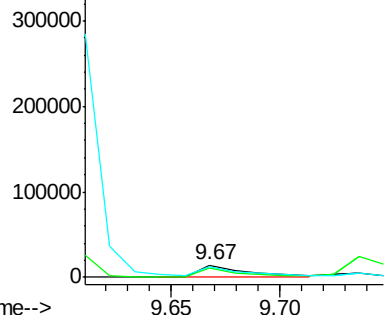
#53
 2,4-Dinitrophenol
 Concen: 42.81 ng
 RT: 9.67 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:184 Resp: 22713
 Ion Ratio Lower Upper
 184 100
 63 73.8 60.6 90.8
 154 86.6 69.8 104.8

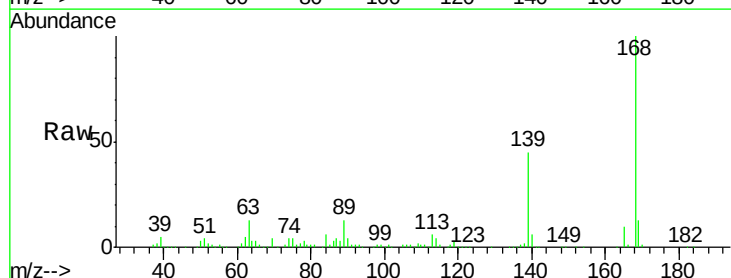


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

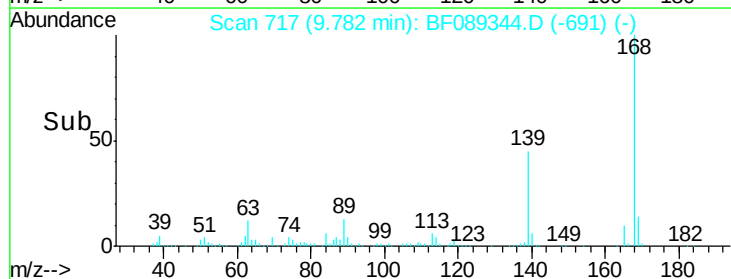
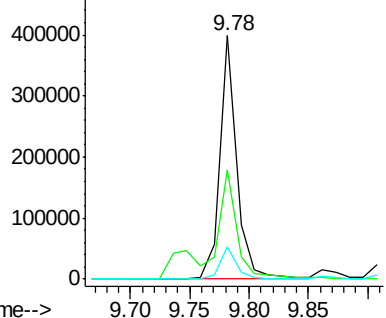


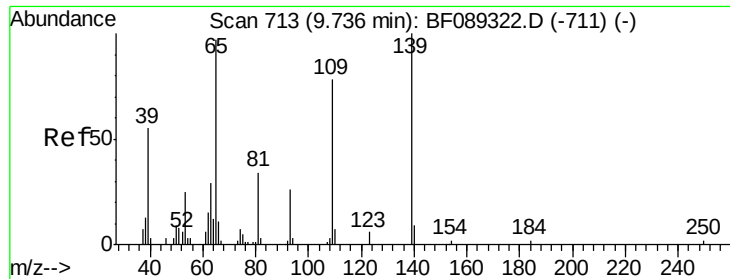
#54
 Dibenzofuran
 Concen: 49.83 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:168 Resp: 398892
 Ion Ratio Lower Upper
 168 100
 139 44.7 33.7 50.5
 169 13.5 10.7 16.1



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

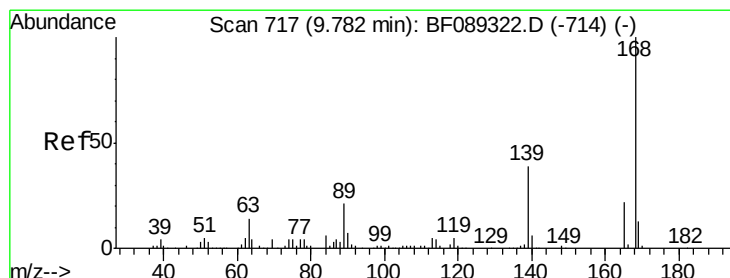
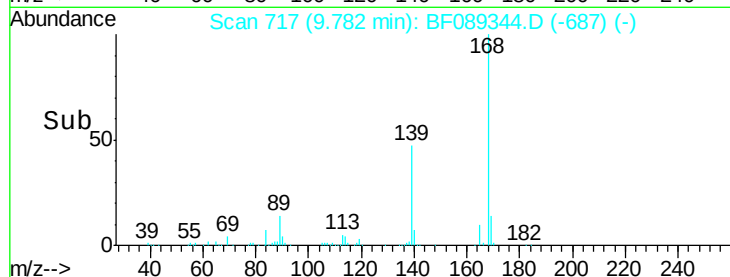
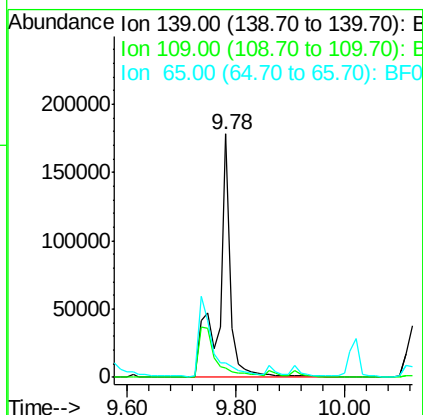
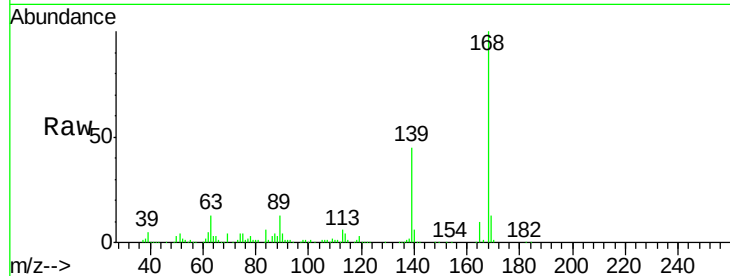




#55
4-Nitrophenol
Concen: 323.14 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.05 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

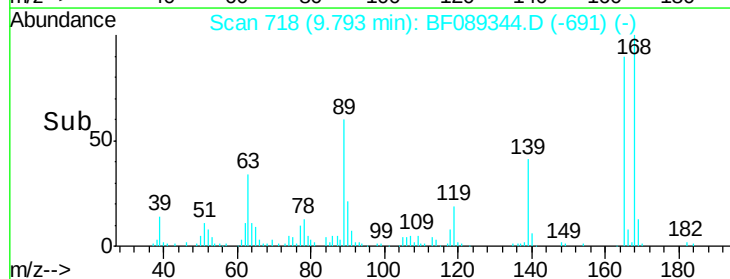
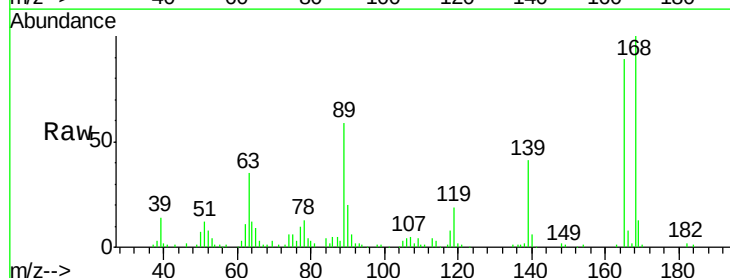
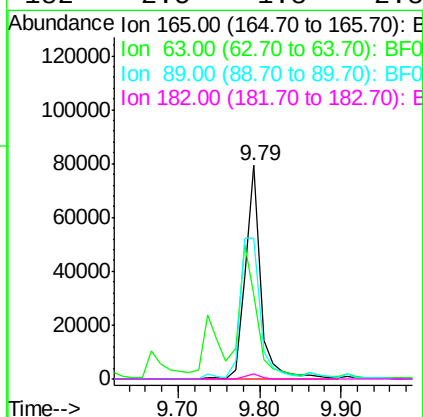
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

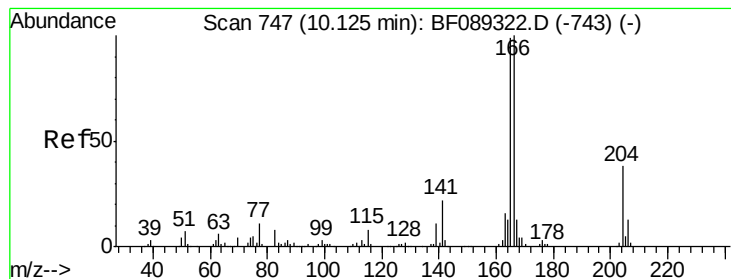
Tgt Ion:139 Resp: 275750
Ion Ratio Lower Upper
139 100
109 3.6 57.8 97.8#
65 6.0 81.7 121.7#



#56
2,4-Dinitrotoluene
Concen: 50.28 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion:165 Resp: 103375
Ion Ratio Lower Upper
165 100
63 39.5 58.2 87.2#
89 66.2 79.1 118.7#
182 2.5 1.8 2.8





#57

Fluorene

Concen: 47.73 ng

RT: 10.12 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

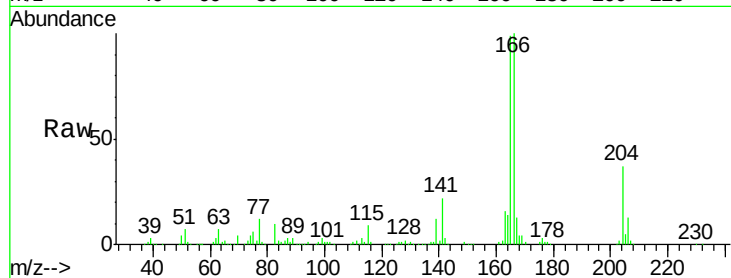
Tgt Ion:166 Resp: 333508

Ion Ratio Lower Upper

166 100

165 98.9 79.0 118.4

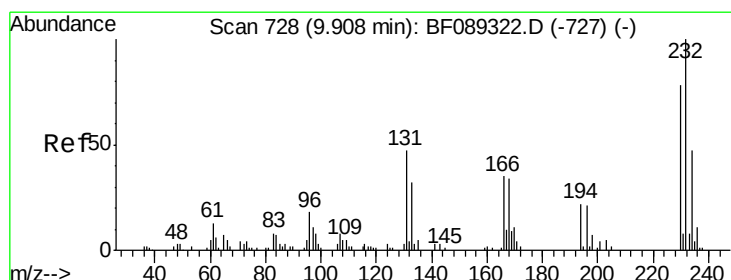
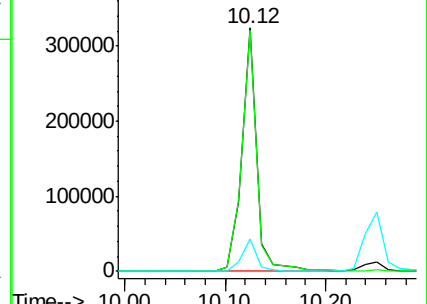
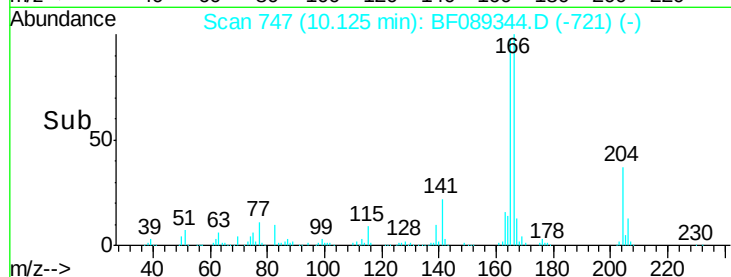
167 13.4 10.2 15.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.76 ng

RT: 9.91 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Tgt Ion:232 Resp: 75555

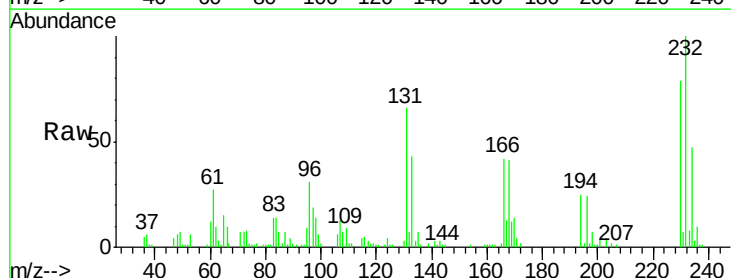
Ion Ratio Lower Upper

232 100

131 51.0 42.7 64.1

130 2.4 1.7 2.5

166 34.0 25.7 38.5

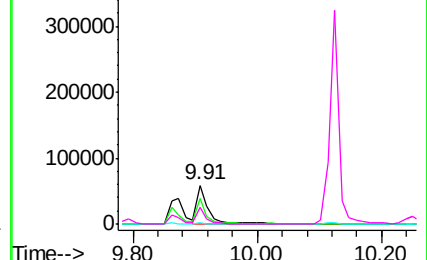
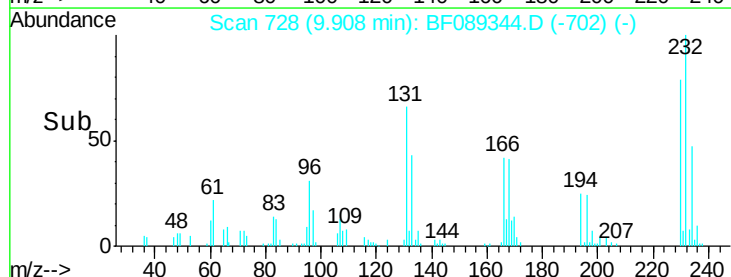


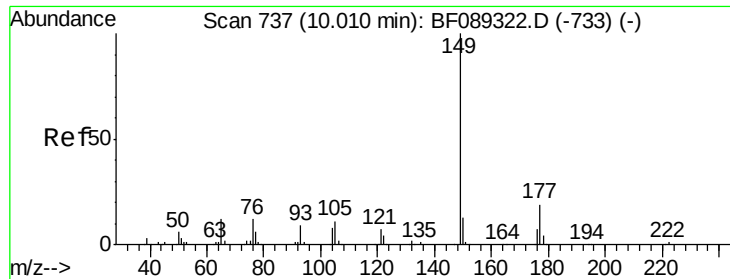
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

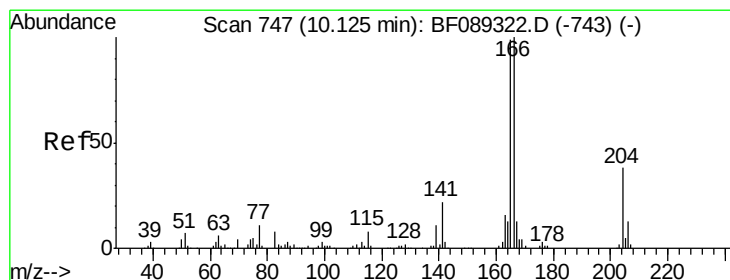
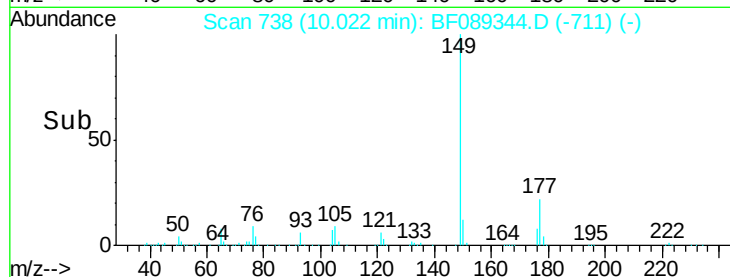
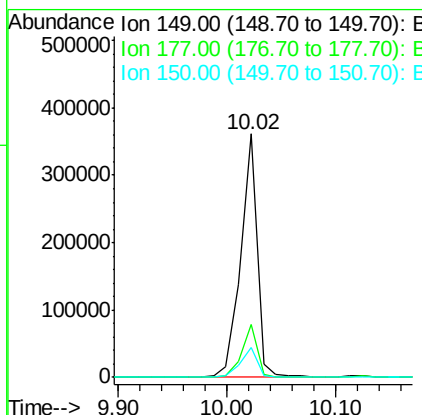
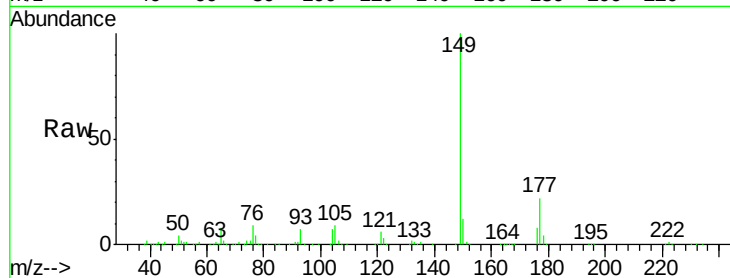




#59
Diethylphthalate
Concen: 48.87 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

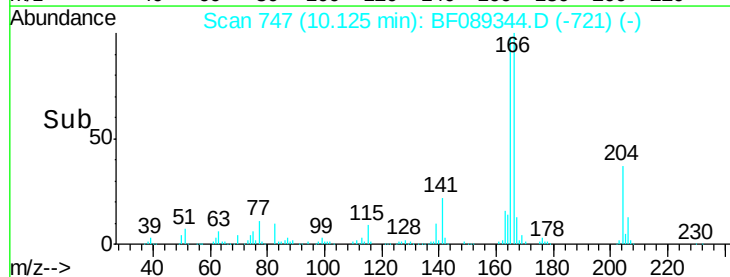
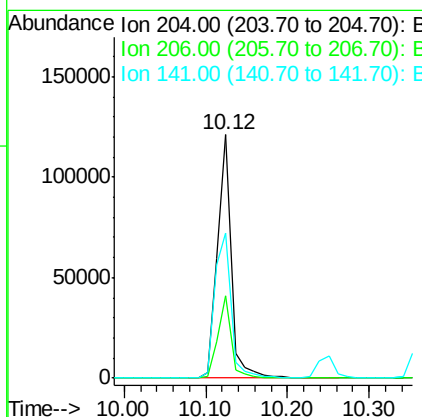
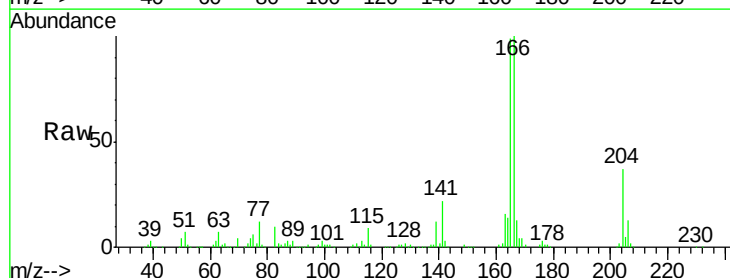
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

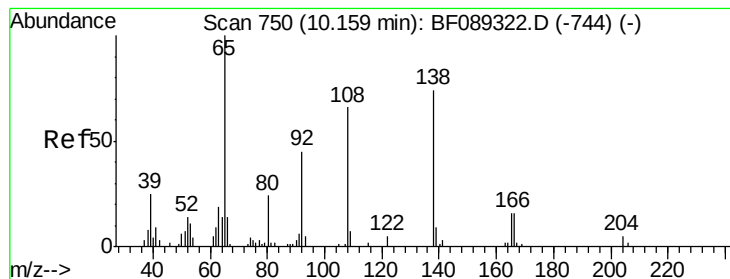
Tgt Ion:149 Resp: 376589
Ion Ratio Lower Upper
149 100
177 21.7 15.1 22.7
150 12.0 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 44.66 ng
RT: 10.12 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion:204 Resp: 143160
Ion Ratio Lower Upper
204 100
206 33.7 26.6 39.8
141 59.4 46.6 70.0

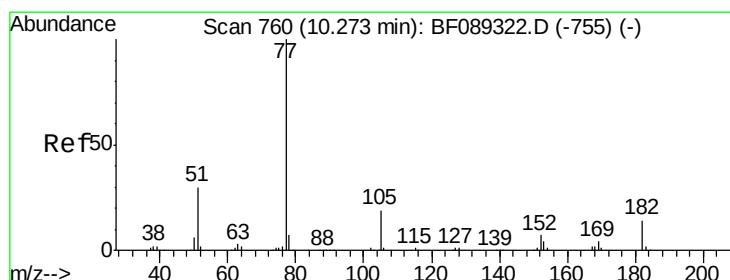
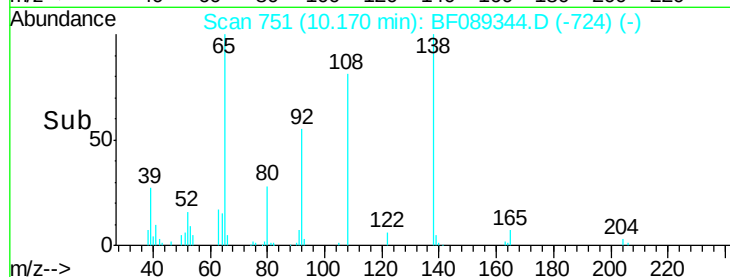
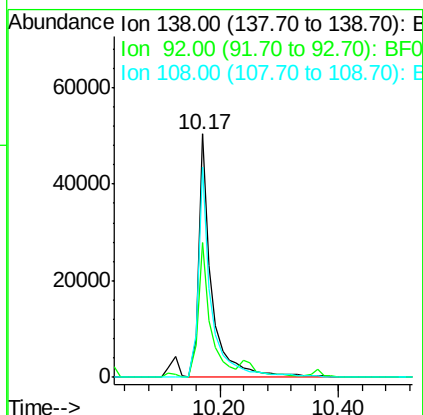
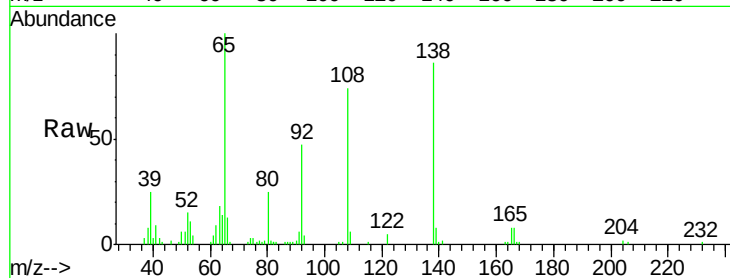




#61
4-Nitroaniline
Concen: 46.32 ng
RT: 10.17 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

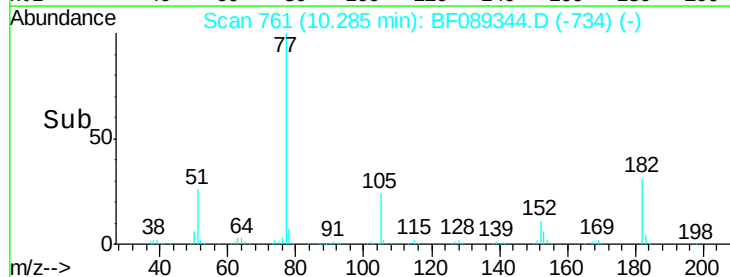
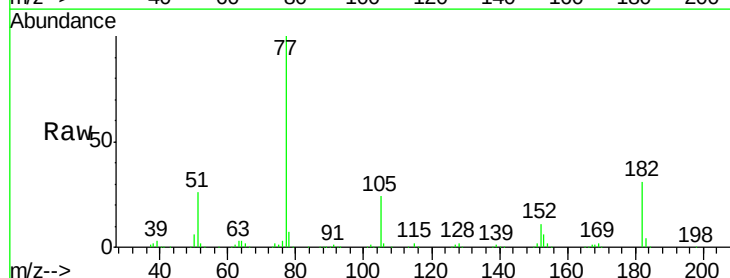
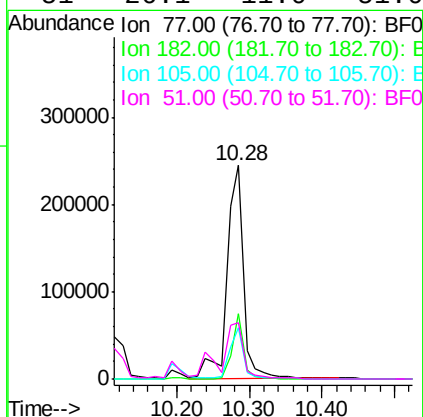
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

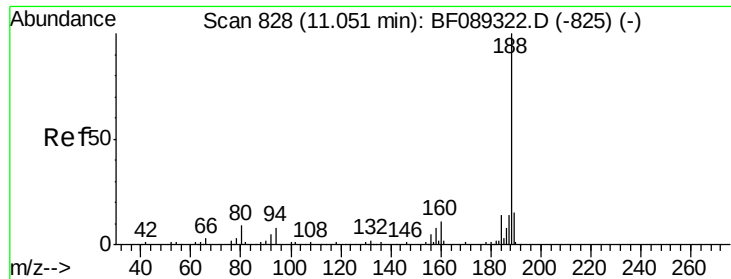
Tgt Ion:138 Resp: 78704
Ion Ratio Lower Upper
138 100
92 55.4 41.2 81.2
108 86.5 69.6 109.6



#62
Azobenzene
Concen: 48.57 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion: 77 Resp: 385500
Ion Ratio Lower Upper
77 100
182 30.5 0.0 33.8
105 23.9 0.0 39.8
51 26.1 11.0 51.0

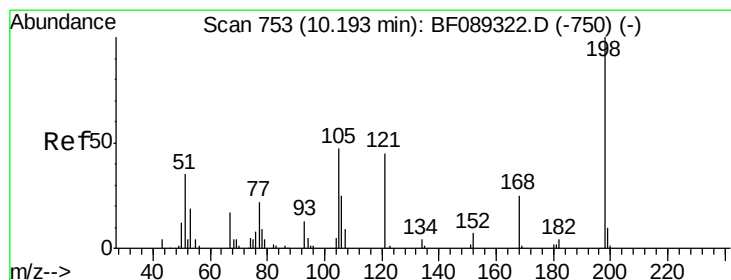
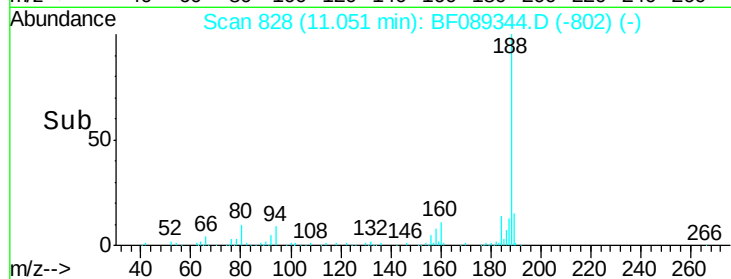
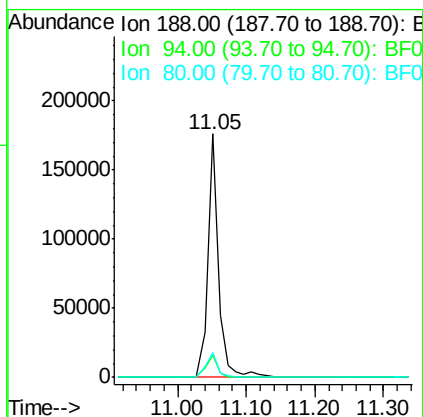
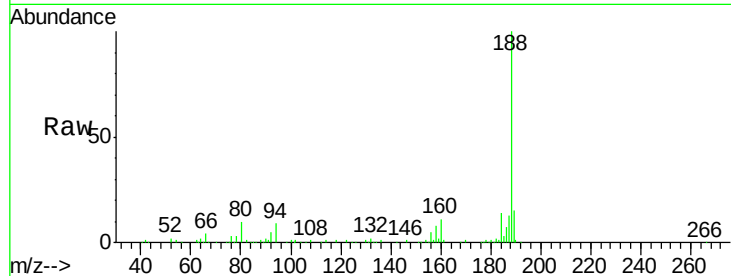




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

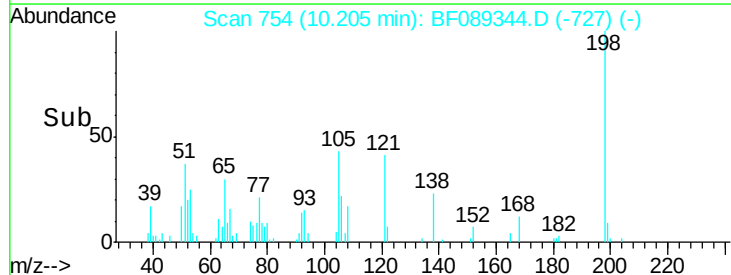
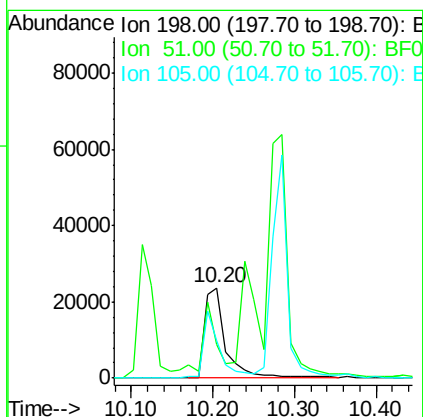
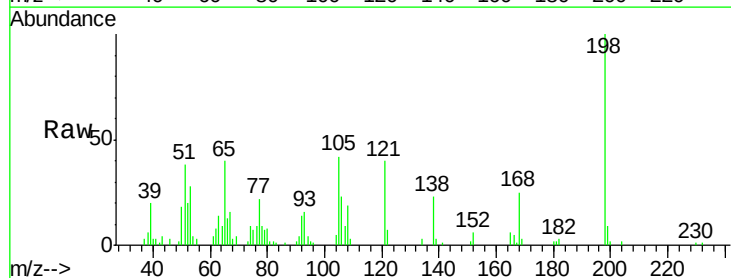
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

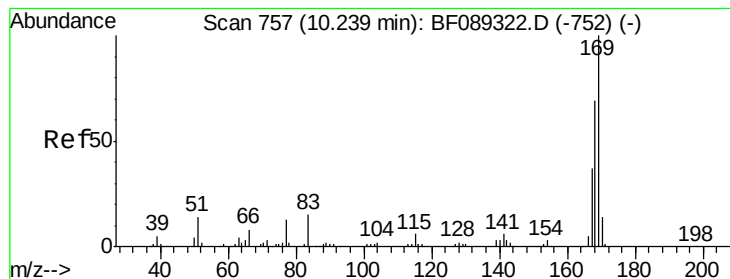
Tgt Ion:188 Resp: 191263
Ion Ratio Lower Upper
188 100
94 9.2 6.5 9.7
80 10.2 7.2 10.8



#64
4,6-Dinitro-2-methylphenol
Concen: 38.64 ng
RT: 10.20 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion:198 Resp: 43534
Ion Ratio Lower Upper
198 100
51 37.7 23.0 63.0
105 41.7 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 47.99 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

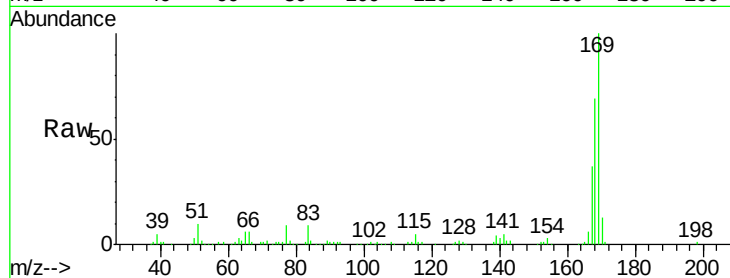
Tgt Ion:169 Resp: 286377

Ion Ratio Lower Upper

169 100

168 68.6 55.4 83.0

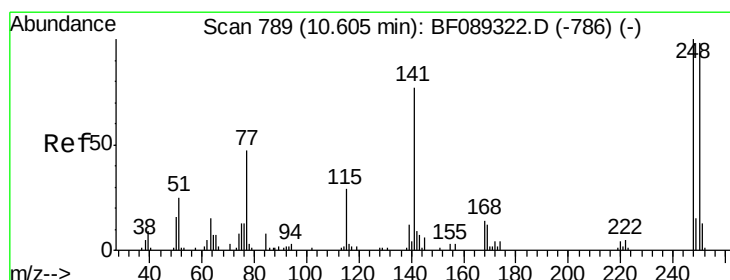
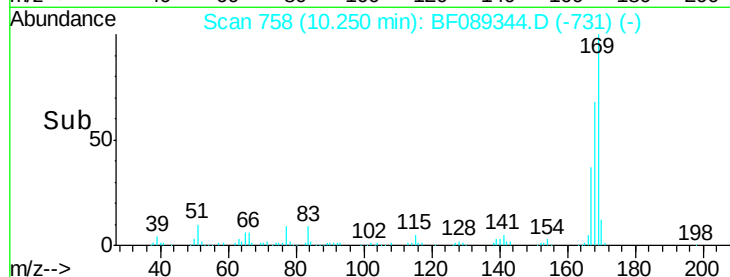
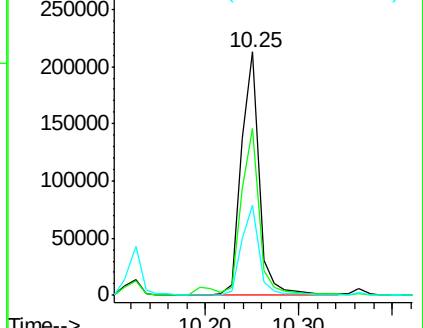
167 37.0 29.7 44.5



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: 47.84 ng

RT: 10.60 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

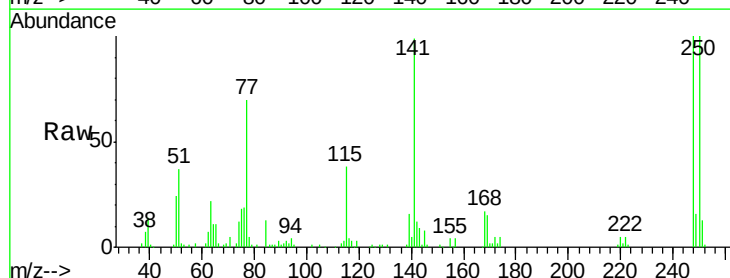
Tgt Ion:248 Resp: 87363

Ion Ratio Lower Upper

248 100

250 99.7 78.2 117.2

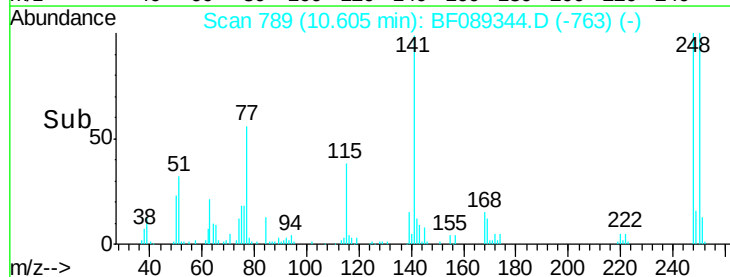
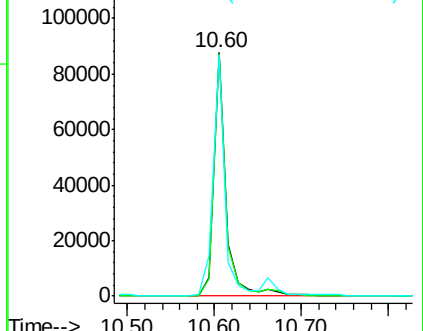
141 99.0 62.0 93.0#

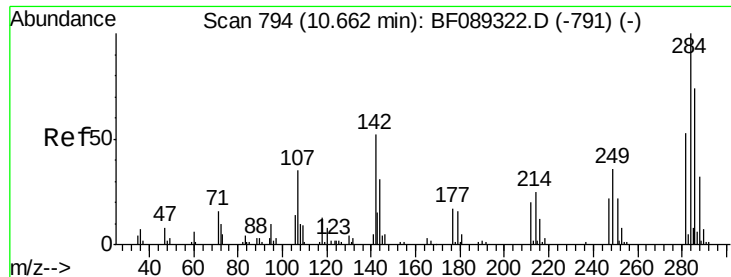


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.79 ng

RT: 10.66 min Scan# 794

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

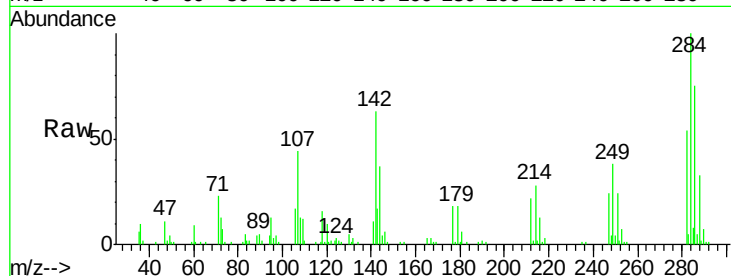
Tgt Ion:284 Resp: 80083

Ion Ratio Lower Upper

284 100

142 62.9 42.2 63.4

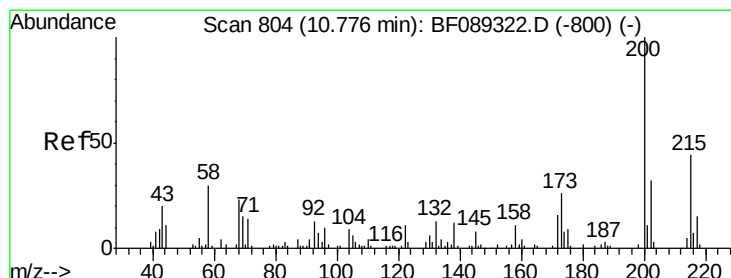
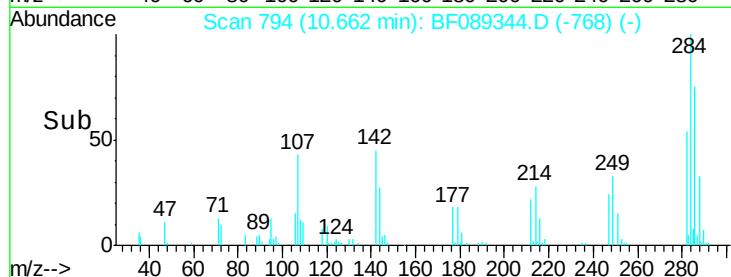
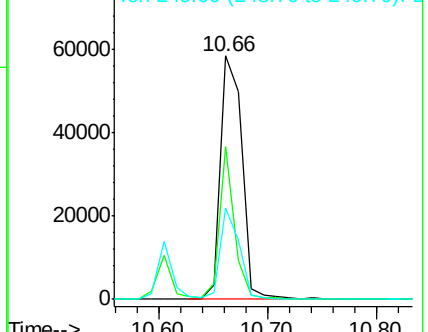
249 37.5 29.4 44.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.02 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

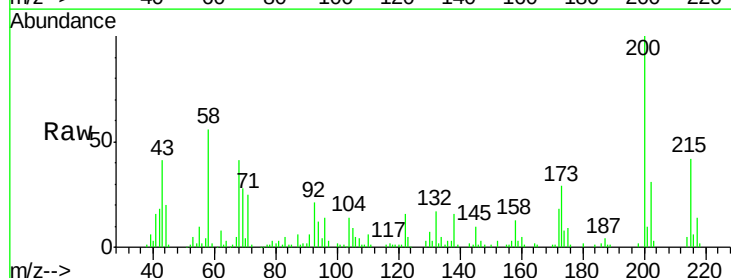
Tgt Ion:200 Resp: 78870

Ion Ratio Lower Upper

200 100

173 29.2 6.0 46.0

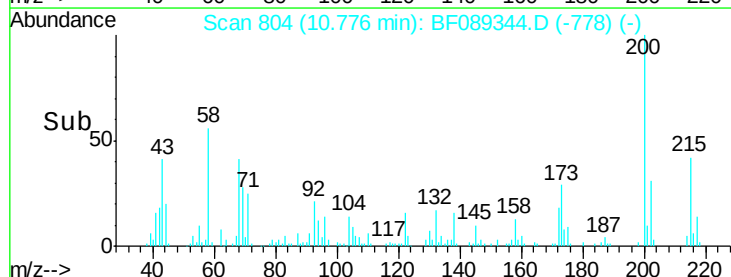
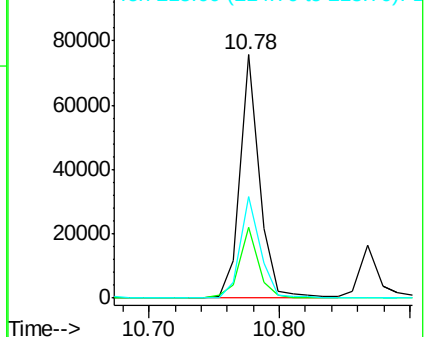
215 41.9 24.3 64.3

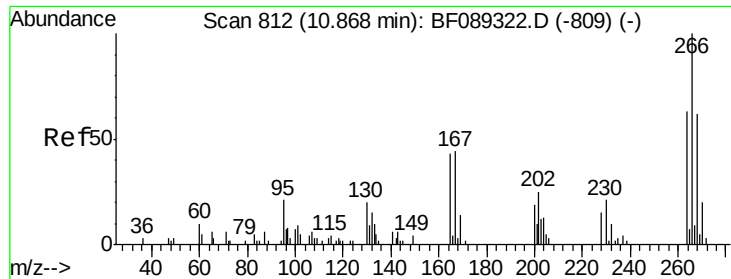


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

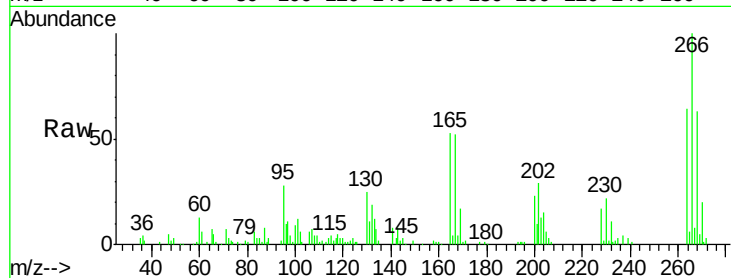




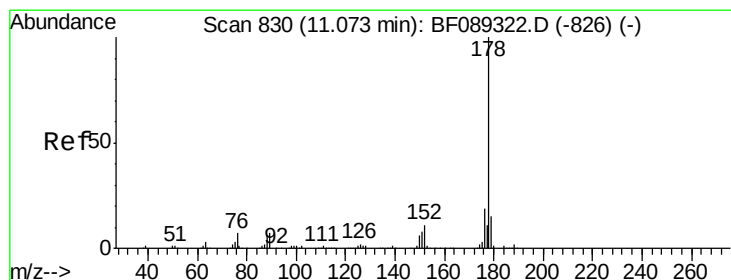
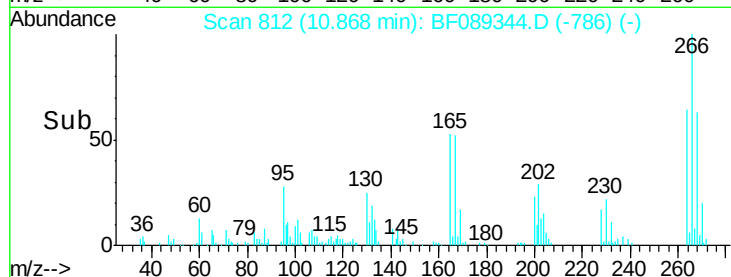
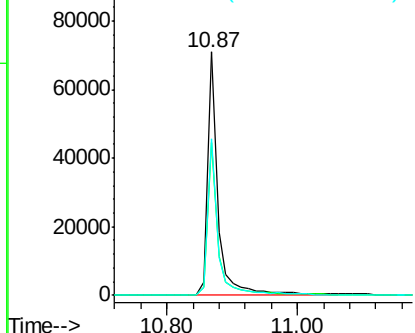
#69
 Pentachlorophenol
 Concen: 87.19 ng
 RT: 10.87 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:266 Resp: 79583
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.4 74.2
 264 64.3 50.2 75.2

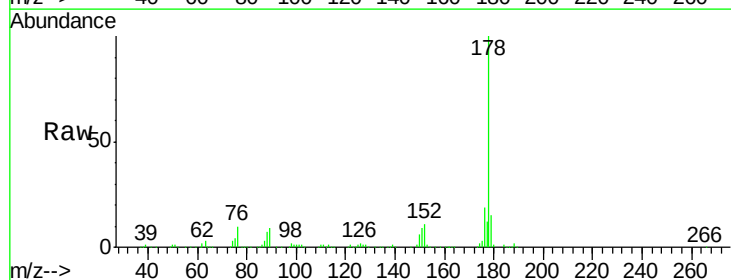


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

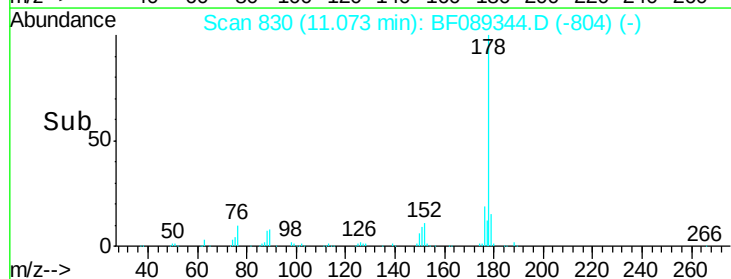
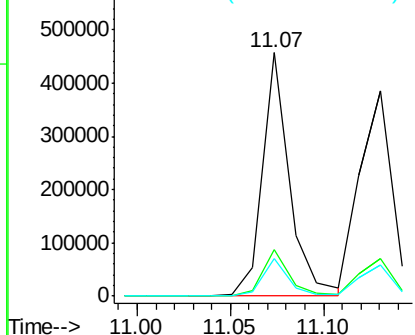


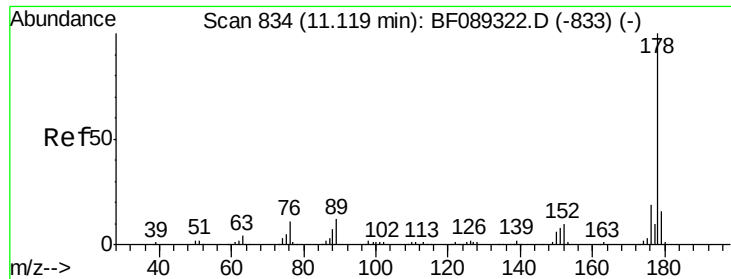
#70
 Phenanthrene
 Concen: 46.30 ng
 RT: 11.07 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:178 Resp: 456722
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.5 23.3
 179 15.4 12.3 18.5



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

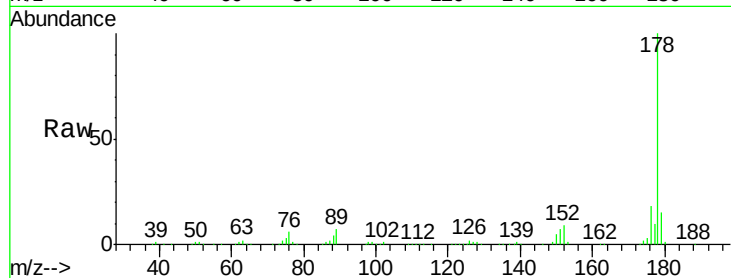




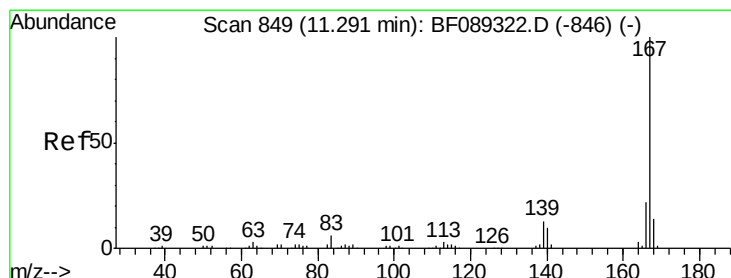
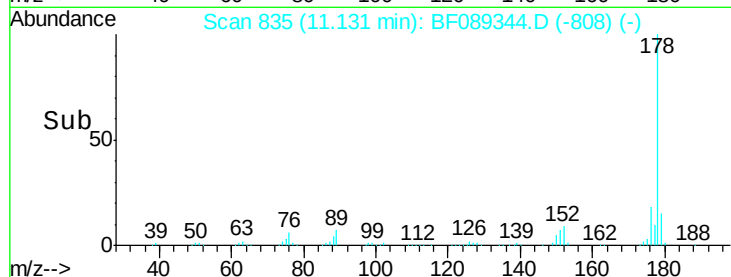
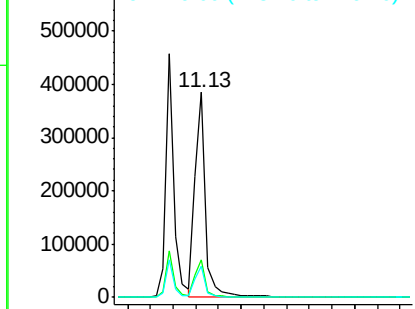
#71
 Anthracene
 Concen: 45.75 ng
 RT: 11.13 min Scan# 835
 Delta R.T. 0.01 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion:178 Resp: 501701
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.8 22.2
 179 15.3 12.6 18.8

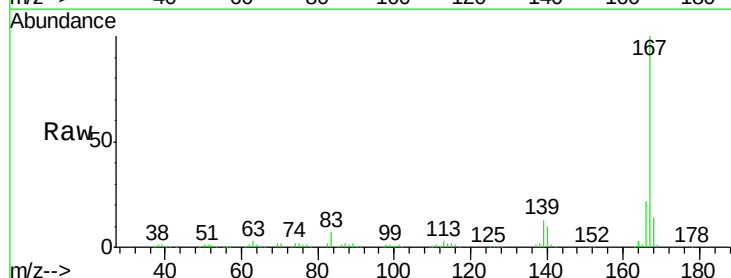


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

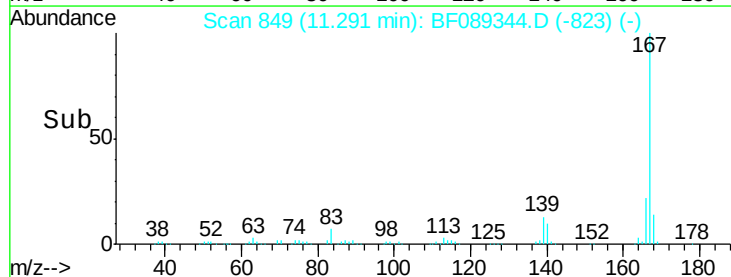
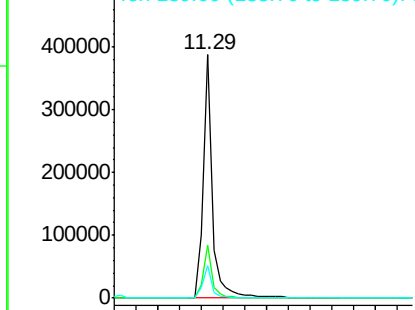


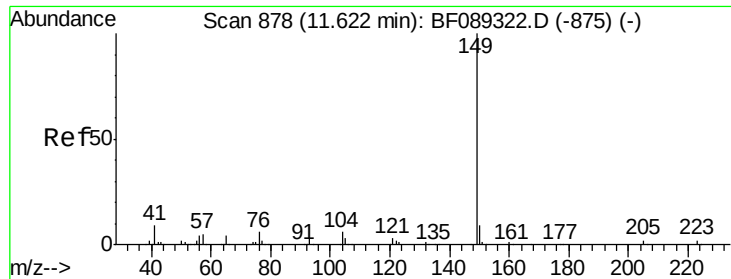
#72
 Carbazole
 Concen: 48.80 ng
 RT: 11.29 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:167 Resp: 450504
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.3 10.1 15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.88 ng

RT: 11.62 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

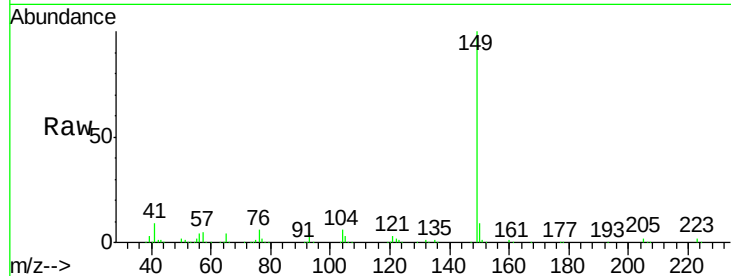
Tgt Ion:149 Resp: 543567

Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

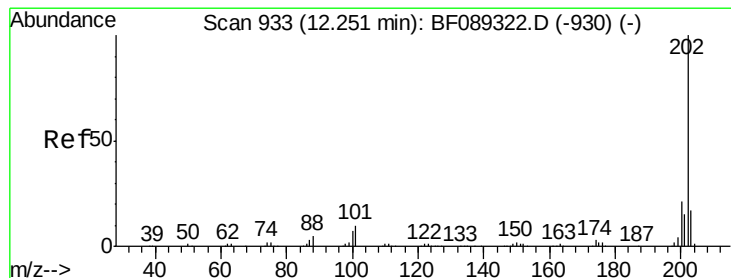
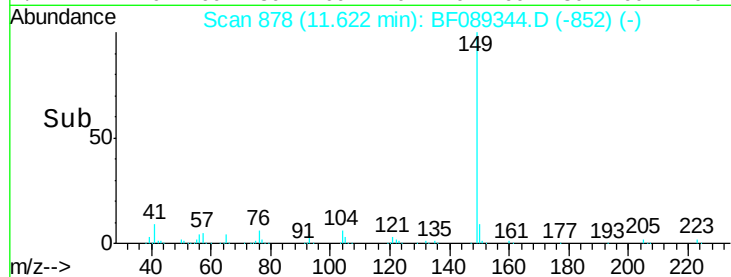
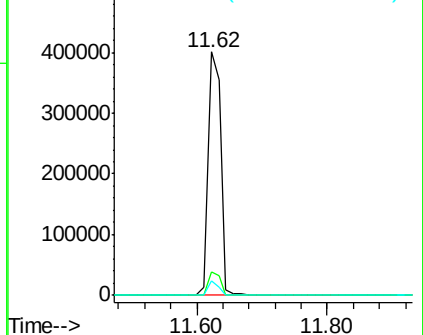
104 5.9 4.7 7.1



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: 46.56 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

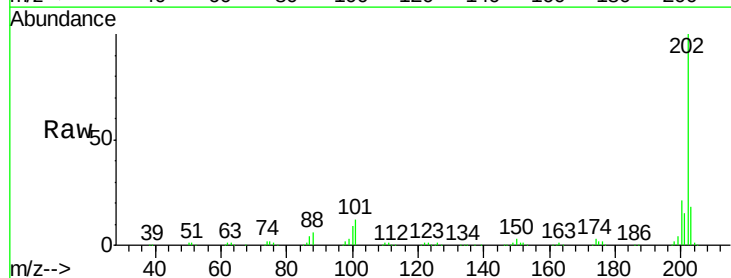
Tgt Ion:202 Resp: 483119

Ion Ratio Lower Upper

202 100

101 12.1 0.0 29.9

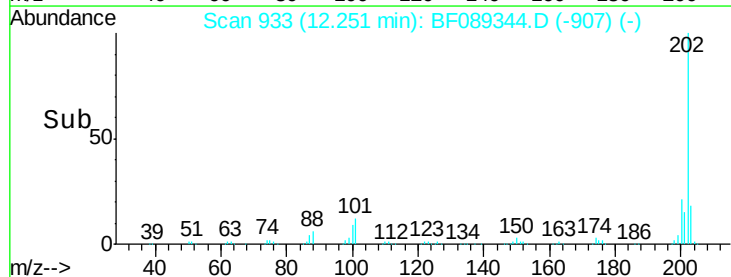
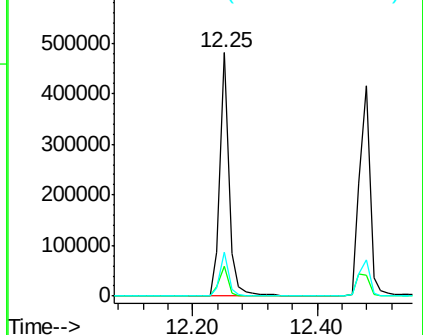
203 17.8 0.0 37.3

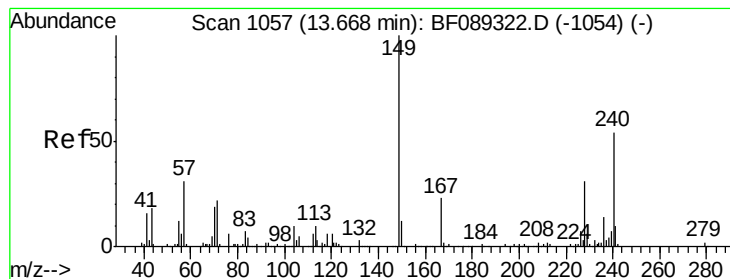


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.67 min Scan# 1057

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS

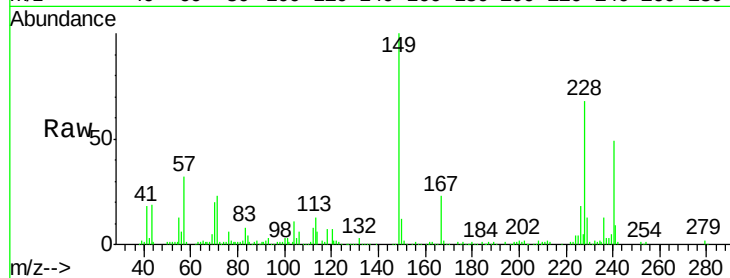
Tgt Ion:240 Resp: 134813

Ion Ratio Lower Upper

240 100

120 15.2 9.1 13.7#

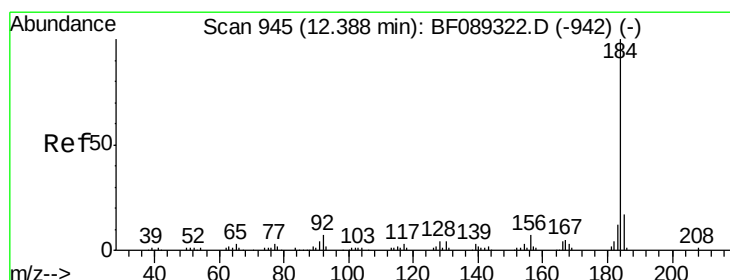
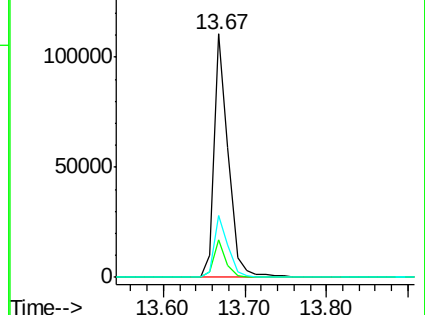
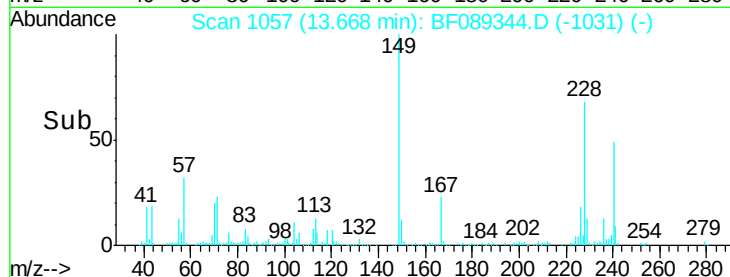
236 25.6 20.6 30.8



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: 49.99 ng

RT: 12.39 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF089344.D

Acq: 28 Jul 2016 4:03

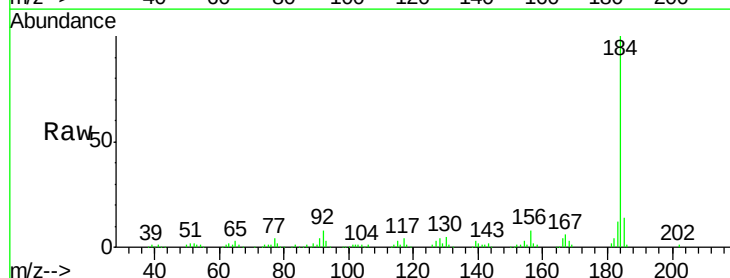
Tgt Ion:184 Resp: 249027

Ion Ratio Lower Upper

184 100

185 14.4 13.5 20.3

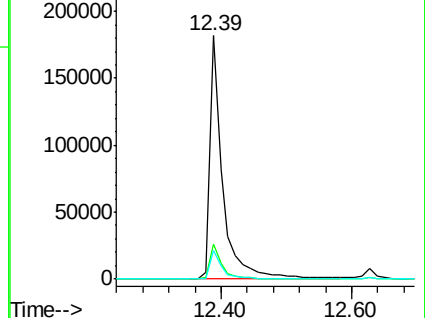
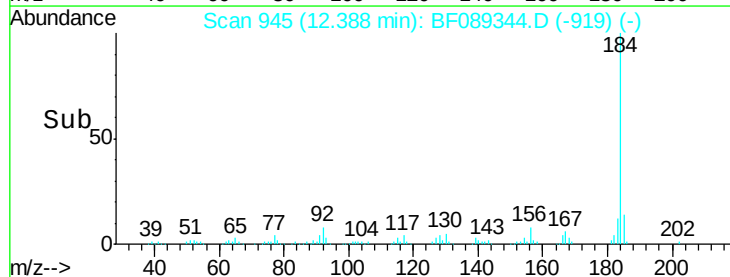
183 11.6 9.8 14.6

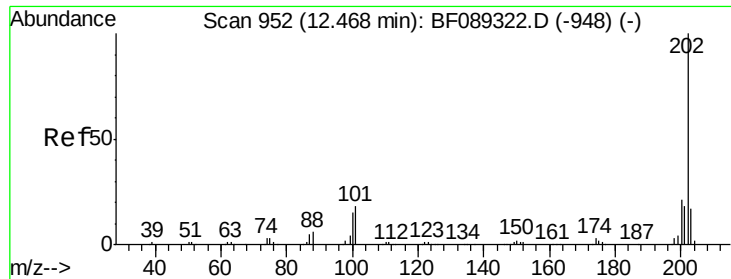


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

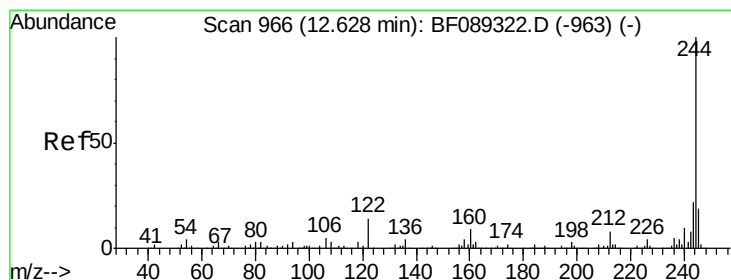
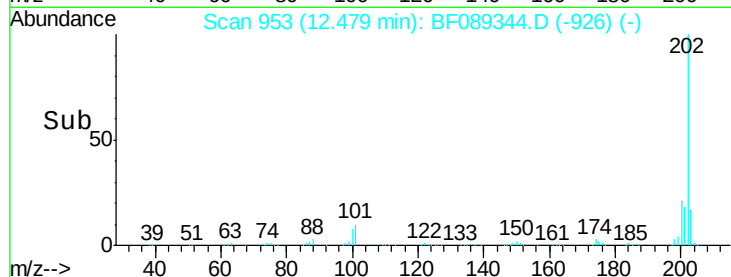
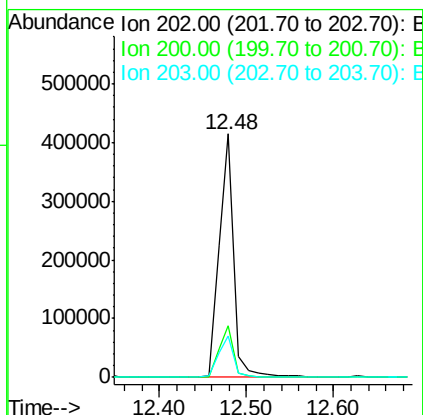
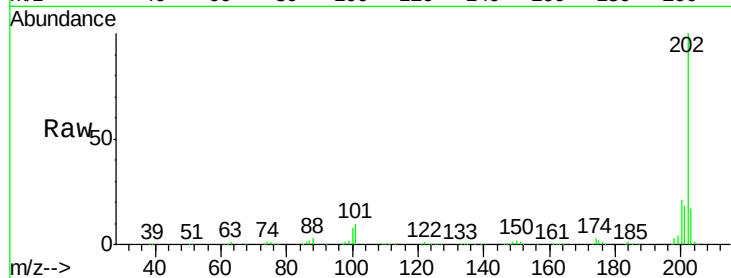




#77
Pyrene
 Concen: 47.52 ng
 RT: 12.48 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

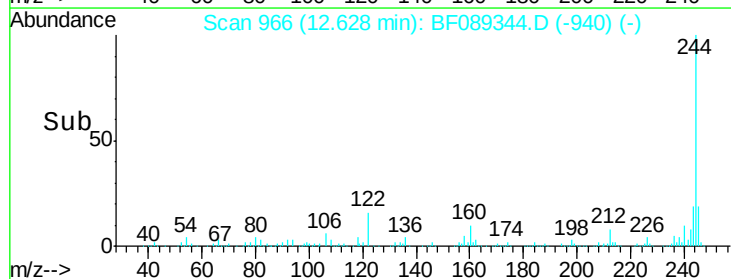
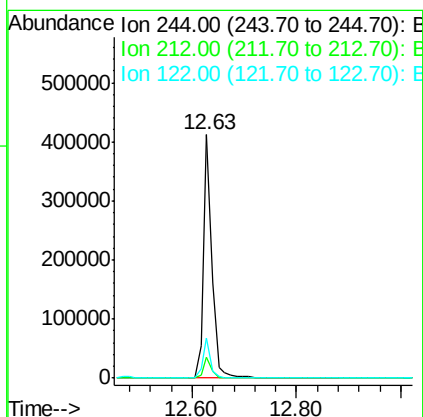
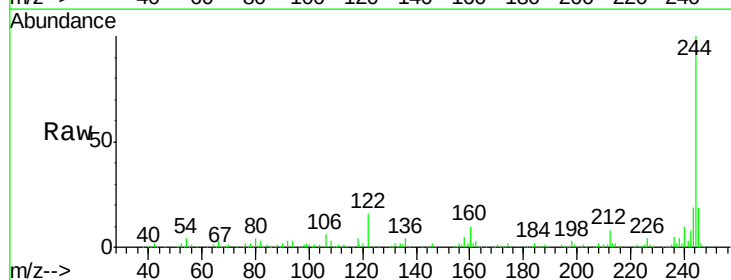
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

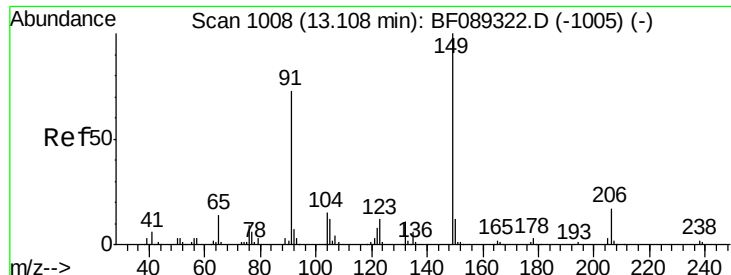
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	17.0	14.0	21.0



#78
Terphenyl-d14
 Concen: 81.03 ng
 RT: 12.63 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.5	9.7
122	16.3	11.4	17.0

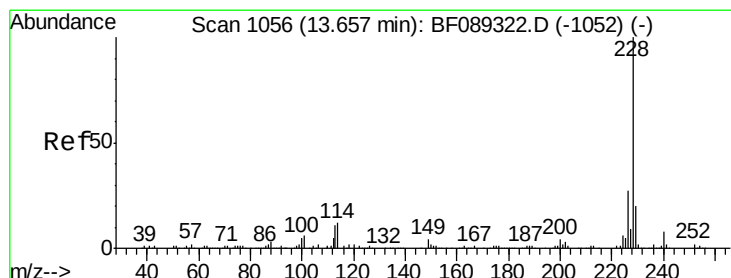
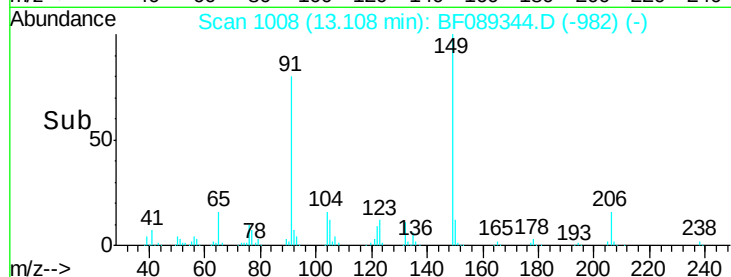
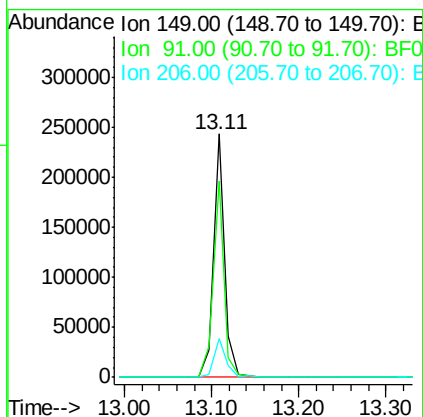
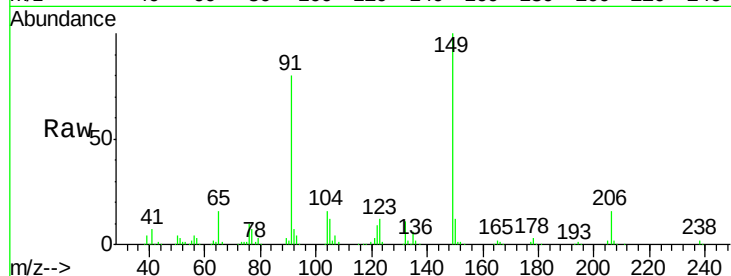




#79
Butylbenzylphthalate
Concen: 47.40 ng
RT: 13.11 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

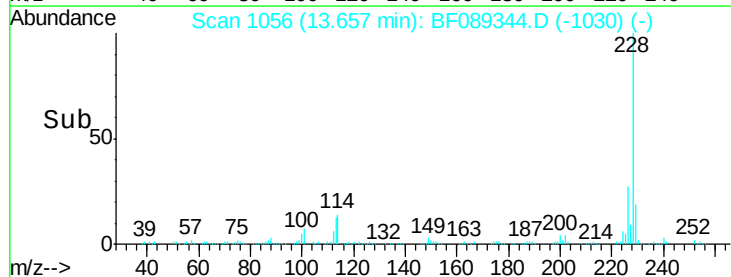
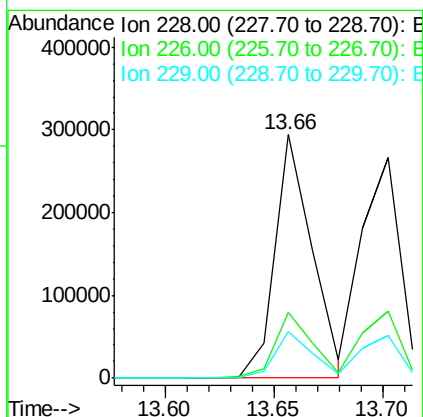
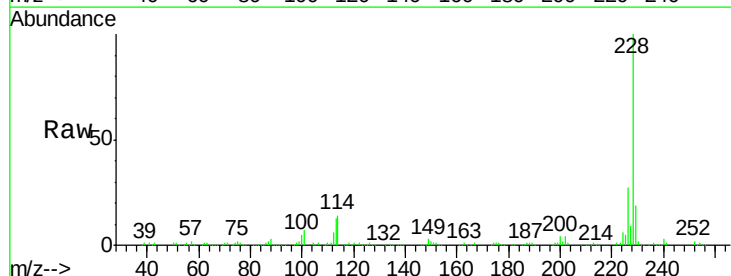
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

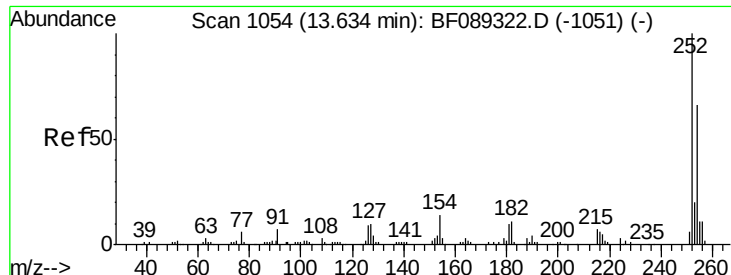
Tgt Ion:149 Resp: 220190
Ion Ratio Lower Upper
149 100
91 80.5 58.5 87.7
206 15.9 13.8 20.8



#80
Benzo(a)anthracene
Concen: 46.29 ng
RT: 13.66 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion:228 Resp: 352136
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.2 15.9 23.9

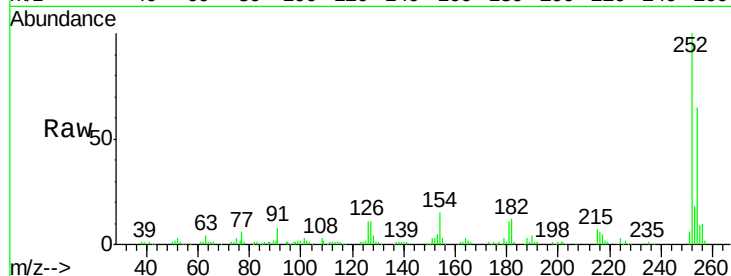




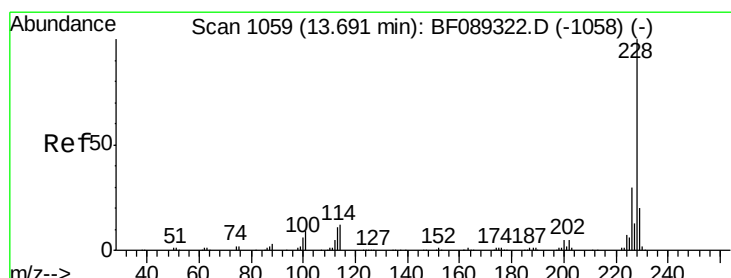
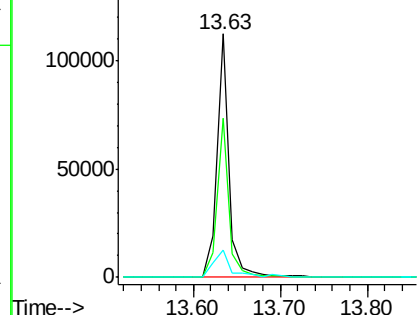
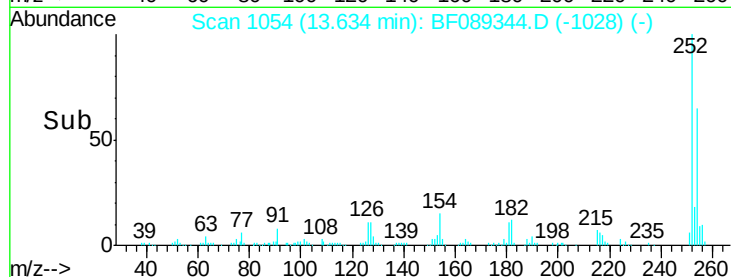
#81
 3,3'-Dichlorobenzidine
 Concen: 40.32 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.5	78.7
126	11.1	7.4	11.2

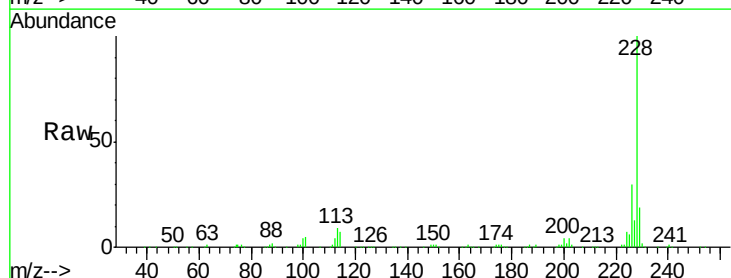


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

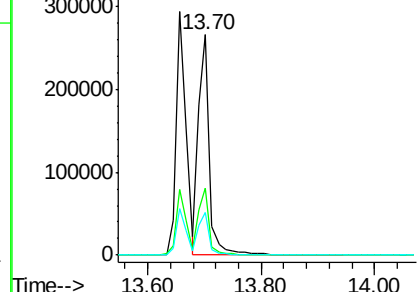
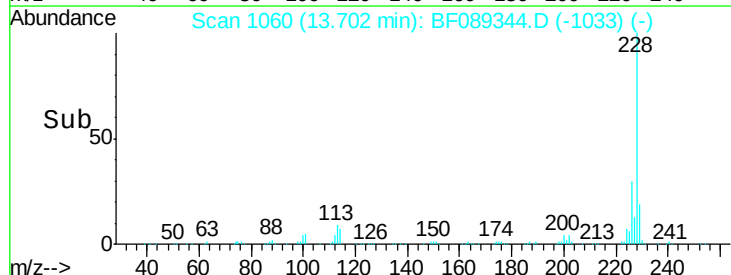


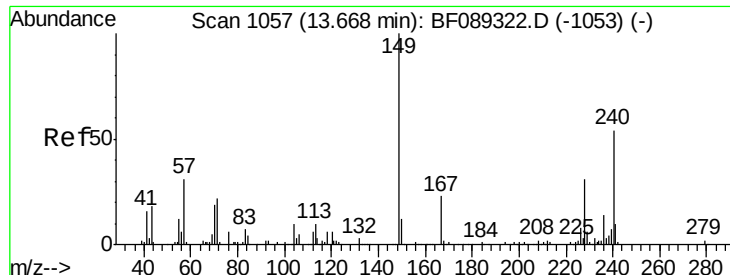
#82
 Chrysene
 Concen: 44.12 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.2
229	19.4	15.9	23.9



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

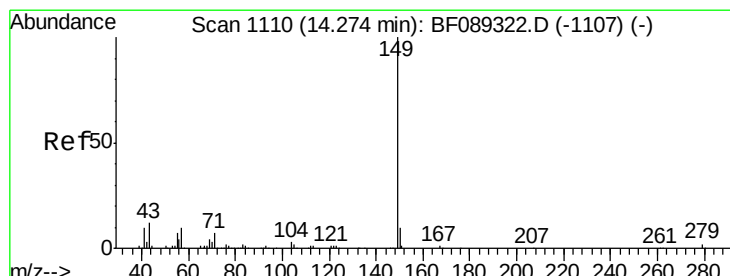
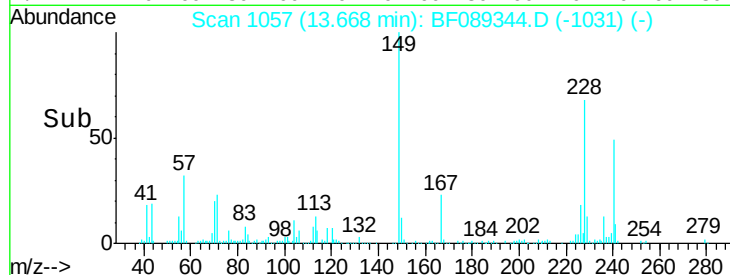
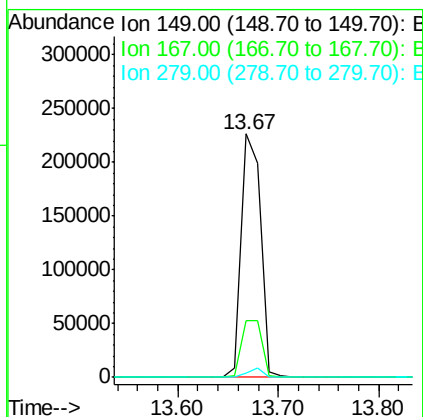
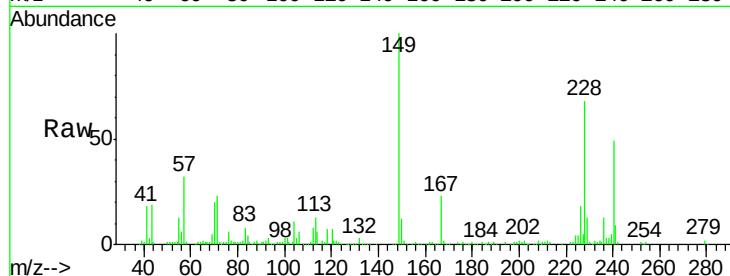




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.42 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

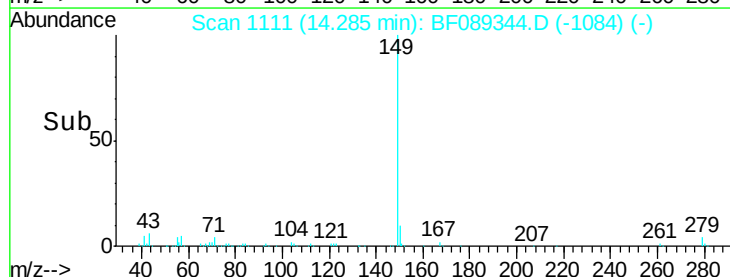
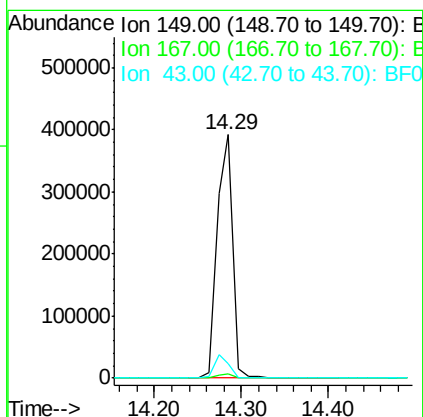
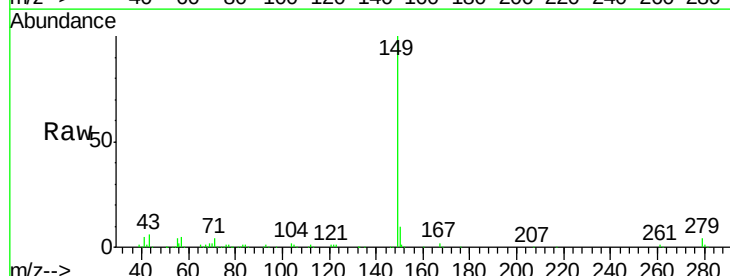
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

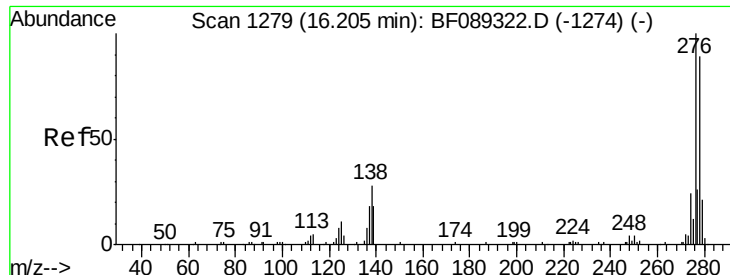
Tgt Ion:149 Resp: 304984
 Ion Ratio Lower Upper
 149 100
 167 23.3 18.8 28.2
 279 1.9 1.4 2.0



#84
 Di-n-octyl phthalate
 Concen: 47.26 ng
 RT: 14.29 min Scan# 1111
 Delta R.T. 0.01 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion:149 Resp: 495189
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 9.2 7.3 10.9

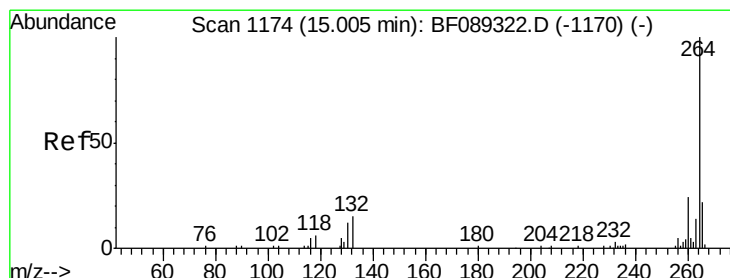
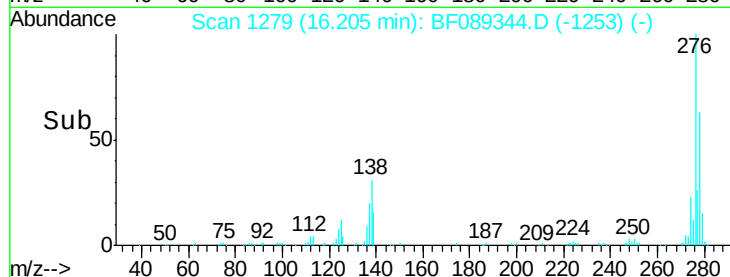
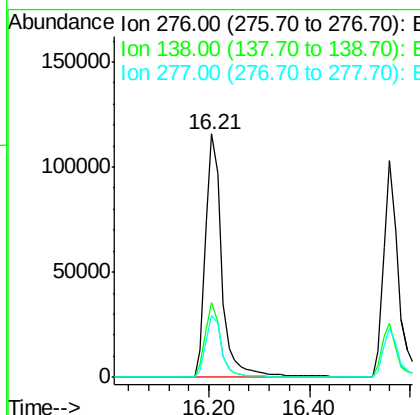
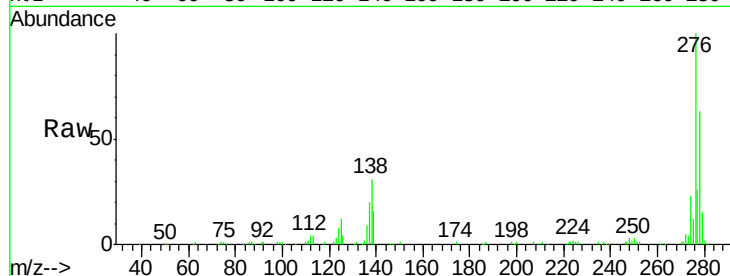




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.75 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

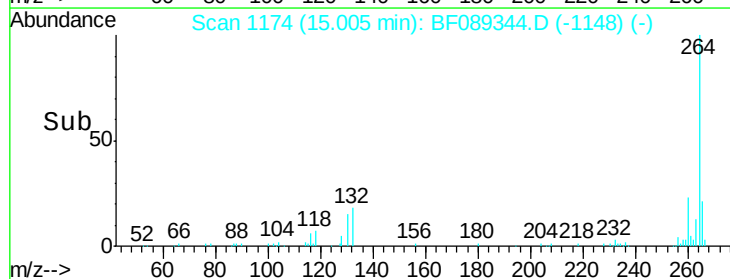
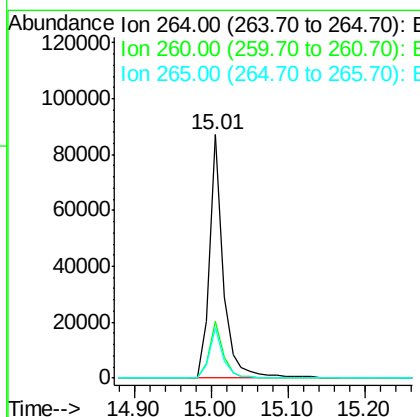
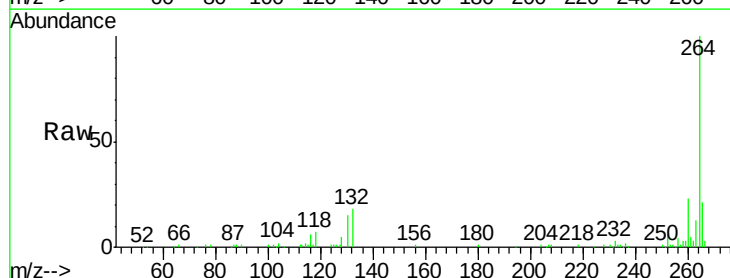
Instrument :
 BNA_F
 ClientSampleId :
 SB-38-14.0-15.0MS

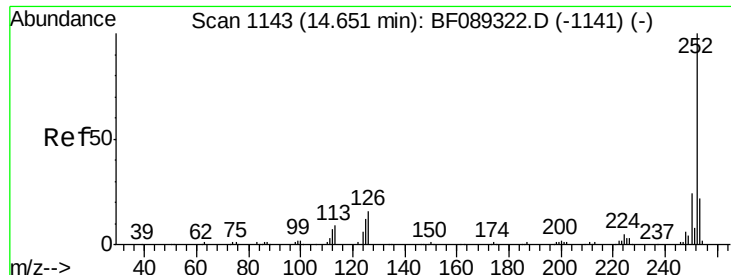
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.0	34.4
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF089344.D
 Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	20.5	17.5	26.3

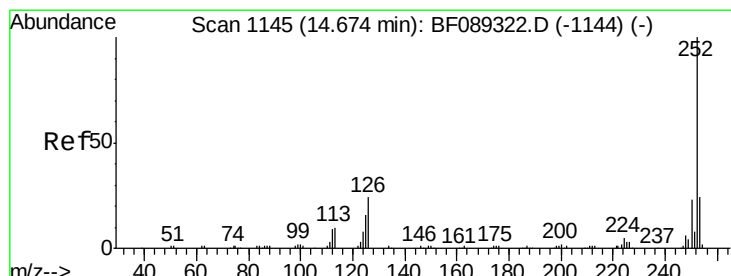
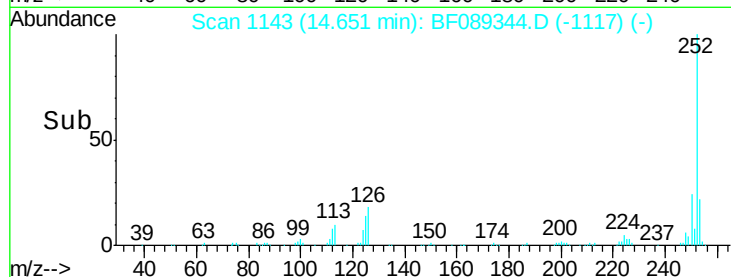
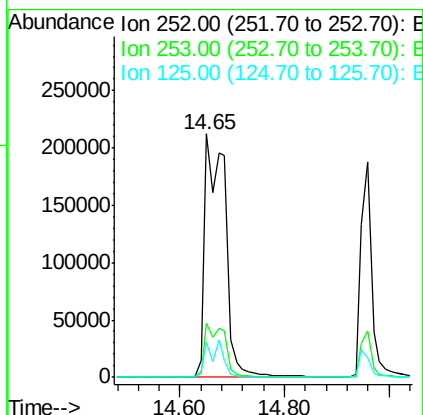
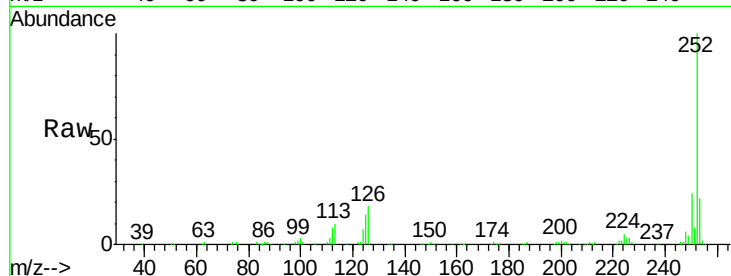




#87
Benzo(b)fluoranthene
Concen: 88.11 ng
RT: 14.65 min Scan# 1143
Delta R.T. 0.00 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

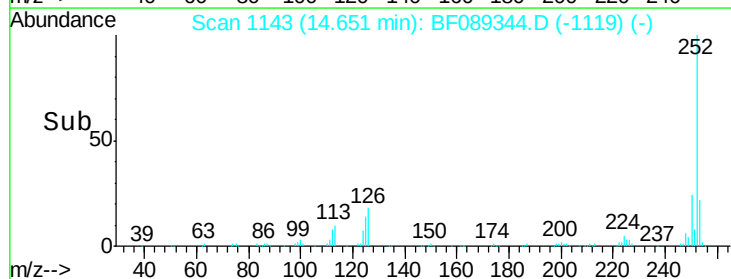
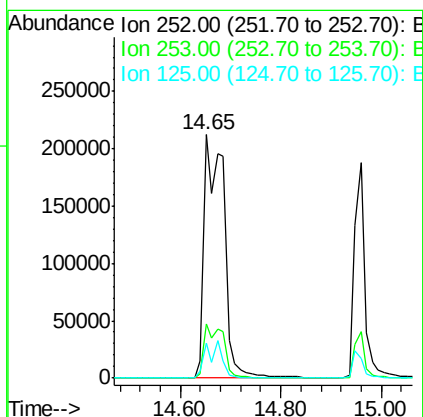
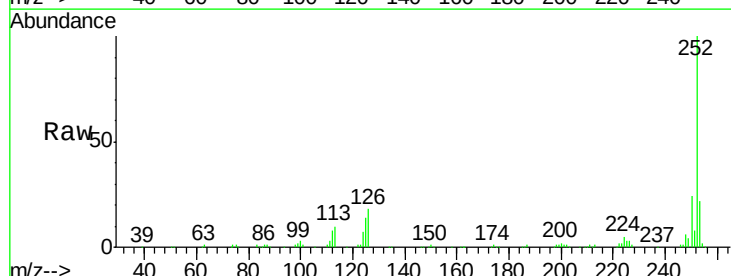
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

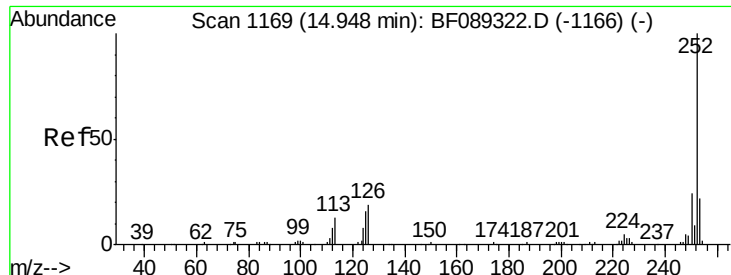
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	14.4	9.7	14.5



#88
Benzo(k)fluoranthene
Concen: 95.90 ng
RT: 14.65 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	14.4	10.7	16.1

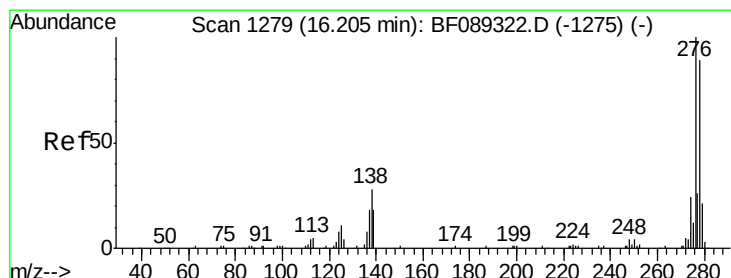
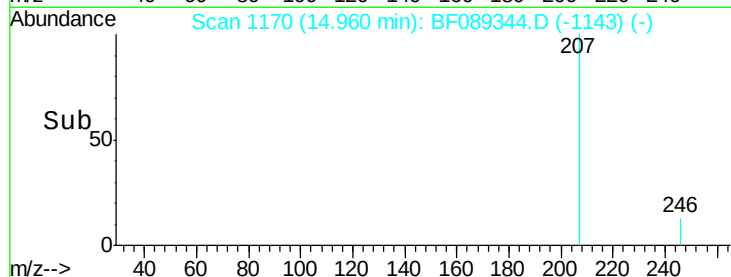
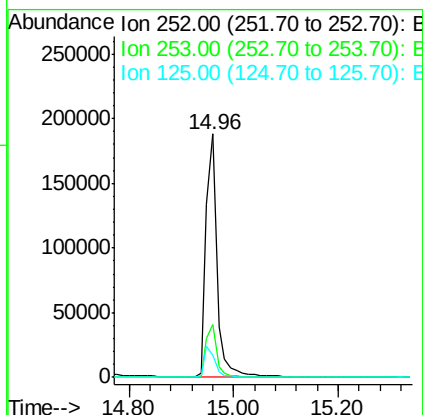
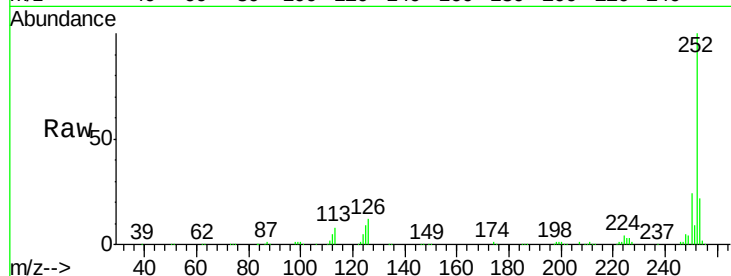




#89
Benzo(a)pyrene
Concen: 45.92 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

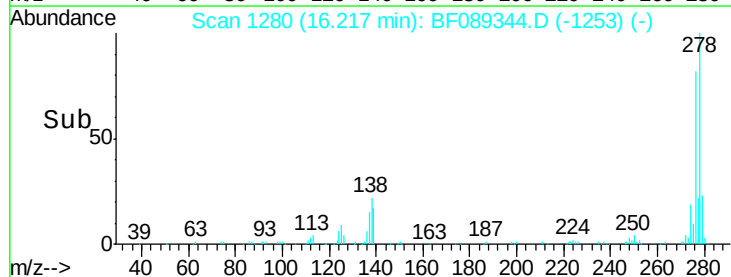
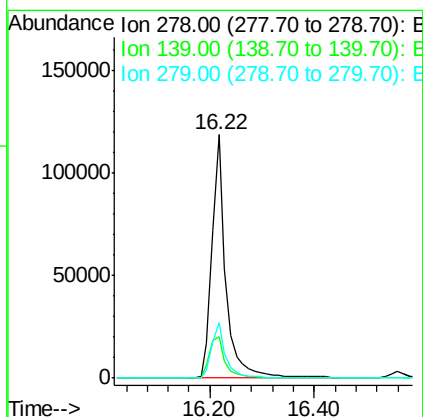
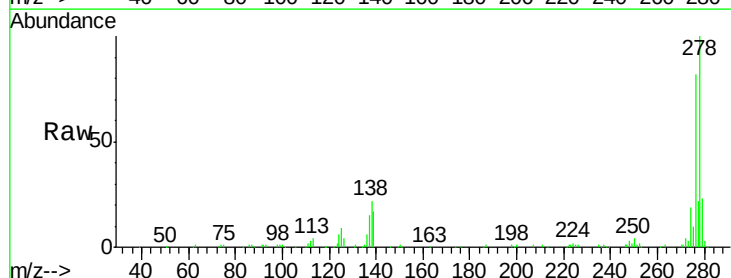
Instrument :
BNA_F
ClientSampleId :
SB-38-14.0-15.0MS

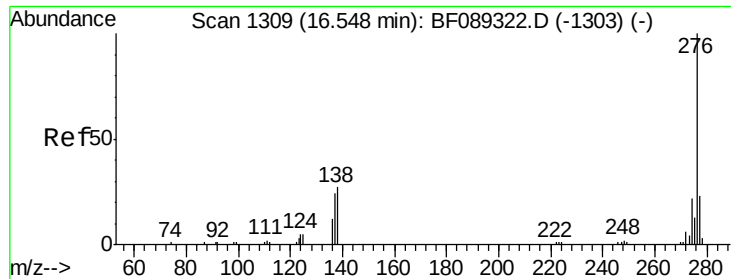
Tgt Ion: 252 Resp: 274773
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 9.3 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 46.99 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089344.D
Acq: 28 Jul 2016 4:03

Tgt Ion: 278 Resp: 221467
Ion Ratio Lower Upper
278 100
139 16.7 16.3 24.5
279 22.6 19.1 28.7





#91

Benzo(g,h,i)perylene

Concen: 46.61 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF089344.D

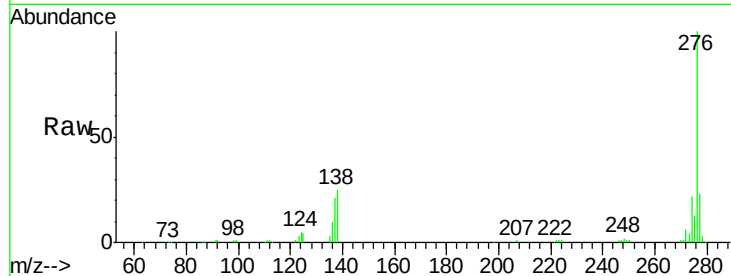
Acq: 28 Jul 2016 4:03

Instrument :

BNA_F

ClientSampleId :

SB-38-14.0-15.0MS



Tgt Ion: 276 Resp: 215960

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 24.8 21.4 32.0

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

