

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089324.D
 Acq On : 27 Jul 2016 11:53
 Operator : UM/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 27 13:01:51 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 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	45587	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	192661	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	91745	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	177295	20.00	ng	0.00
75) Chrysene-d12	13.67	240	123990	20.00	ng	0.00
86) Perylene-d12	15.01	264	102110	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.12	112	352872	118.33	ng	0.01
7) Phenol-d6	6.20	99	451484	116.64	ng	0.00
23) Nitrobenzene-d5	7.13	82	408749	113.54	ng	0.01
41) 2,4,6-Tribromophenol	10.36	330	92407	111.75	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	689263	104.82	ng	0.00
78) Terphenyl-d14	12.64	244	652011	114.42	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	73560	57.38	ng	99
3) Pyridine	2.56	79	173063	53.07	ng	100
4) n-Nitrosodimethylamine	2.55	42	71344	53.35	ng	97
6) Aniline	6.22	93	255951	50.16	ng	# 88
8) 2-Chlorophenol	6.33	128	193468	57.94	ng	91
9) Benzaldehyde	6.09	77	117066	57.53	ng	99
10) Phenol	6.23	94	254824	57.51	ng	91
11) bis(2-Chloroethyl)ether	6.30	93	196243	58.66	ng	93
12) 1,3-Dichlorobenzene	6.48	146	197183	53.77	ng	97
13) 1,4-Dichlorobenzene	6.56	146	215580	57.73	ng	98
14) 1,2-Dichlorobenzene	6.72	146	209018	60.31	ng	98
15) Benzyl Alcohol	6.71	79	149323	54.31	ng	94
16) 2,2'-oxybis(1-Chloropropan	6.84	45	230229	60.15	ng	81
17) 2-Methylphenol	6.83	107	148973	57.52	ng	95
18) Hexachloroethane	7.05	117	79301	56.68	ng	97
19) n-Nitroso-di-n-propylamine	6.98	70	139444	56.12	ng	# 89
20) 3+4-Methylphenols	6.99	107	191531	54.51	ng	# 86
22) Acetophenone	6.97	105	278459	55.06	ng	# 94
24) Nitrobenzene	7.14	77	212709	56.22	ng	90
25) Isophorone	7.39	82	395078	59.45	ng	97
26) 2-Nitrophenol	7.46	139	104963	59.35	ng	98
27) 2,4-Dimethylphenol	7.52	122	162117	54.40	ng	94
28) bis(2-Chloroethoxy)methane	7.61	93	217408	53.30	ng	# 97
29) 2,4-Dichlorophenol	7.70	162	149877	55.68	ng	93
30) 1,2,4-Trichlorobenzene	7.78	180	173278	58.39	ng	98
31) Naphthalene	7.85	128	528812	51.30	ng	100
32) Benzoic acid	7.70	122	120671	54.57	ng	99
33) 4-Chloroaniline	7.92	127	226513	53.25	ng	98
34) Hexachlorobutadiene	7.98	225	91172	54.99	ng	99
35) Caprolactam	8.32	113	46549	56.32	ng	98
36) 4-Chloro-3-methylphenol	8.42	107	184598	56.91	ng	93
37) 2-Methylnaphthalene	8.55	142	366620	56.75	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	191177	56.55	ng	99
40) Hexachlorocyclopentadiene	8.70	237	51263	58.03	ng	99

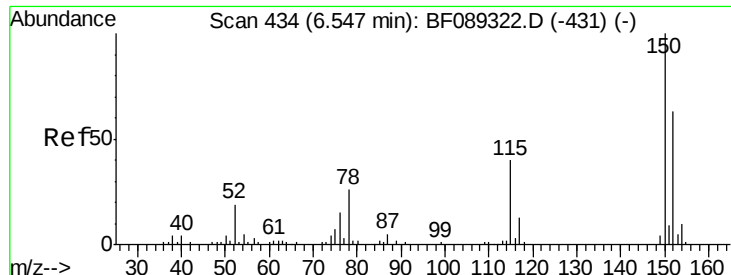
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072716\
 Data File : BF089324.D
 Acq On : 27 Jul 2016 11:53
 Operator : UM/SJ
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Quant Time: Jul 27 13:01:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 11:51:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	99691	53.91	nq	99
43) 2,4,5-Trichlorophenol	8.88	196	116606	61.60	nq	98
45) 1,1'-Biphenyl	9.02	154	480902	58.61	nq	96
46) 2-Chloronaphthalene	9.03	162	342495	54.94	nq	97
47) 2-Nitroaniline	9.14	65	113167	53.78	nq	88
48) Acenaphthylene	9.44	152	530267	53.75	nq	99
49) Dimethylphthalate	9.32	163	403043	57.77	nq	98
50) 2,6-Dinitrotoluene	9.38	165	86666	55.34	nq	# 62
51) Acenaphthene	9.61	154	296641	51.13	nq	100
52) 3-Nitroaniline	9.55	138	92929	51.05	nq	# 80
53) 2,4-Dinitrophenol	9.67	184	38440	63.93	nq	91
54) Dibenzofuran	9.78	168	420352	53.78	nq	96
55) 4-Nitrophenol	9.74	139	47577	45.21	nq	86
56) 2,4-Dinitrotoluene	9.79	165	125313	61.66	nq	# 69
57) Fluorene	10.12	166	369914	56.44	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.91	232	82042	60.17	nq	# 97
59) Diethylphthalate	10.02	149	450474	64.77	nq	97
60) 4-Chlorophenyl-phenylether	10.12	204	181851	60.03	nq	93
61) 4-Nitroaniline	10.17	138	92887	51.40	nq	96
62) Azobenzene	10.28	77	434075	57.52	nq	87
64) 4,6-Dinitro-2-methylphenol	10.20	198	64529	63.42	nq	86
65) n-Nitrosodiphenylamine	10.25	169	342774	57.92	nq	99
66) 4-Bromophenyl-phenylether	10.60	248	101830	57.95	nq	# 81
67) Hexachlorobenzene	10.67	284	106125	56.88	nq	# 71
68) Atrazine	10.78	200	93346	50.63	nq	95
69) Pentachlorophenol	10.87	266	50080	59.94	nq	99
70) Phenanthrene	11.07	178	520626	53.25	nq	99
71) Anthracene	11.13	178	599551	59.72	nq	99
72) Carbazole	11.29	167	528615	60.64	nq	99
73) Di-n-butylphthalate	11.63	149	702493	63.34	nq	# 98
74) Fluoranthene	12.25	202	551576	53.56	nq	96
76) Benzidine	12.39	184	283239	65.97	nq	97
77) Pyrene	12.48	202	589246	58.83	nq	99
79) Butylbenzylphthalate	13.11	149	259145	59.72	nq	87
80) Benzo(a)anthracene	13.66	228	430214	55.15	nq	100
81) 3,3'-Dichlorobenzidine	13.63	252	158463	61.87	nq	# 98
82) Chrysene	13.70	228	463046	62.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.68	149	388769	67.10	nq	# 94
84) Di-n-octyl phthalate	14.29	149	654098	69.18	nq	99
85) Indeno(1,2,3-cd)pyrene	16.21	276	329367	61.09	nq	99
87) Benzo(b)fluoranthene	14.69	252	755414	107.70	nq	# 97
88) Benzo(k)fluoranthene	14.69	252	755808	135.44	nq	# 95
89) Benzo(a)pyrene	14.96	252	339279	59.09	nq	# 95
90) Dibenzo(a,h)anthracene	16.22	278	271129	59.90	nq	99
91) Benzo(g,h,i)perylene	16.56	276	263108	57.71	nq	99

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

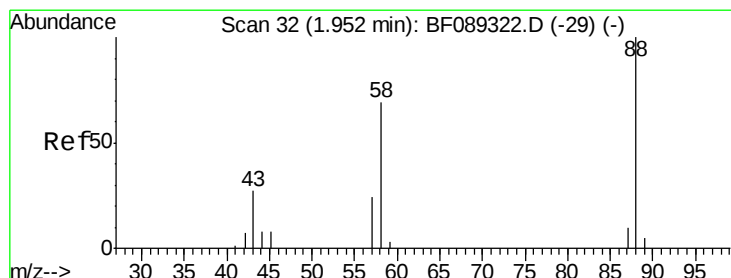
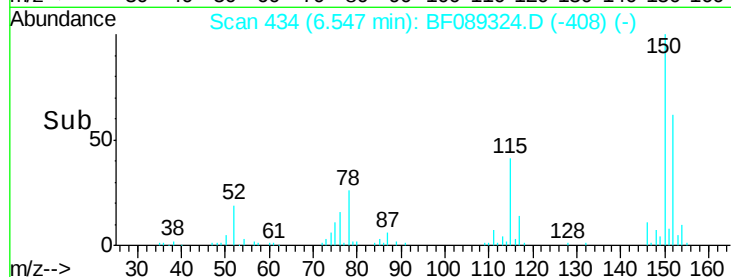
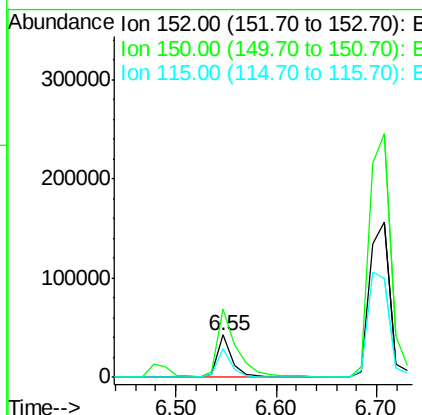
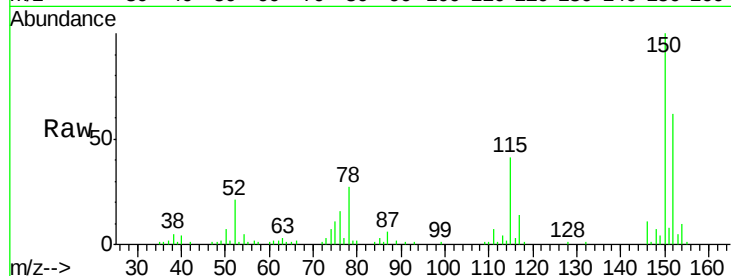


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampleId :

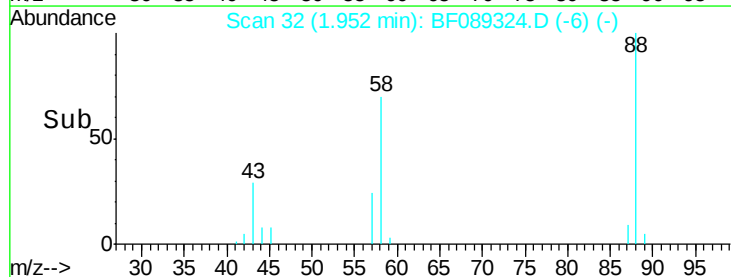
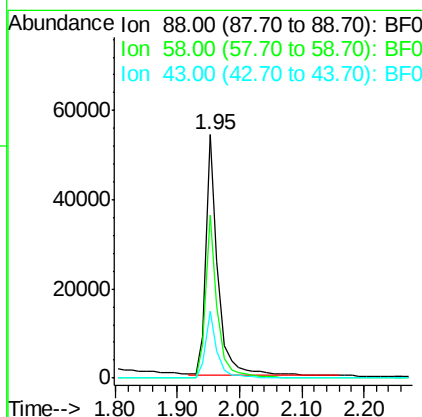
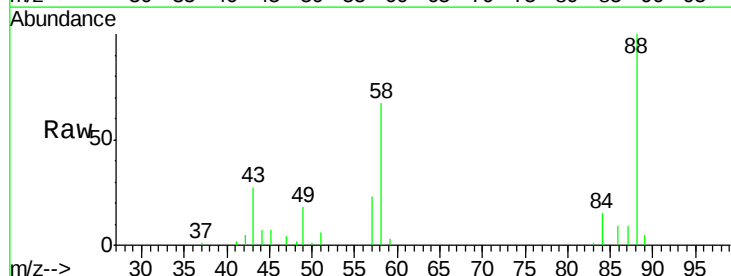
Tot Ion:152 Resp: 45587
Ion Ratio Lower Upper
152 100
150 160.1 129.5 194.3
115 66.0 51.4 77.2

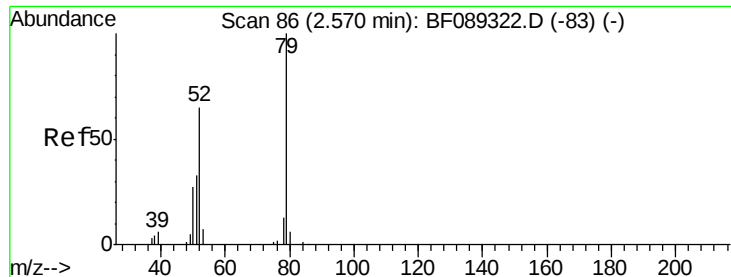


#2

1,4-Dioxane
Concen: 57.38 ng
RT: 1.95 min Scan# 32
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion: 88 Resp: 73560
Ion Ratio Lower Upper
88 100
58 65.9 53.2 79.8
43 26.3 20.6 31.0





#3

Pvridine

Concen: 53.07 ng

RT: 2.56 min Scan# 85

Delta R.T. -0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

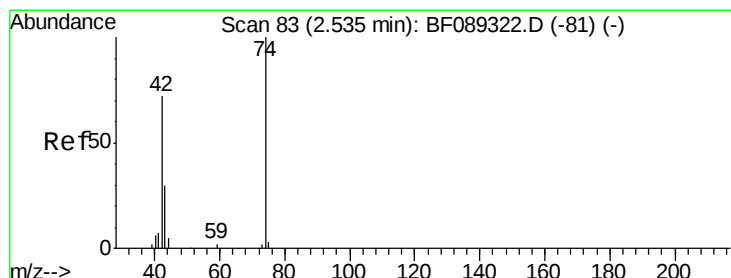
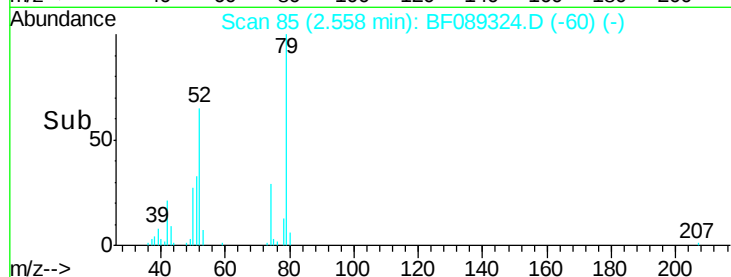
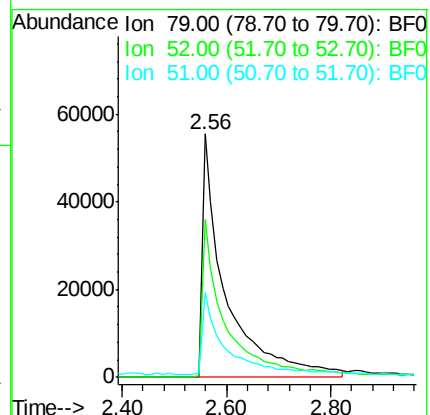
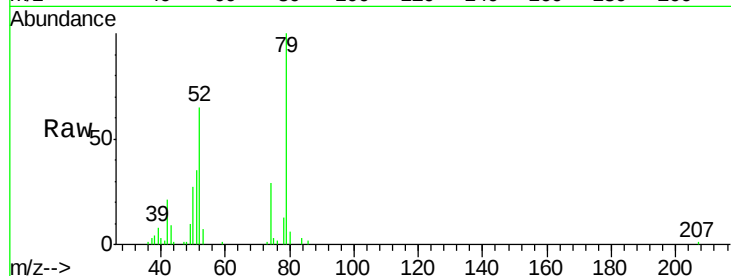
Tot Ion: 79 Resp: 173063

Ion Ratio Lower Upper

79 100

52 64.9 51.9 77.9

51 34.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 53.35 ng

RT: 2.55 min Scan# 84

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

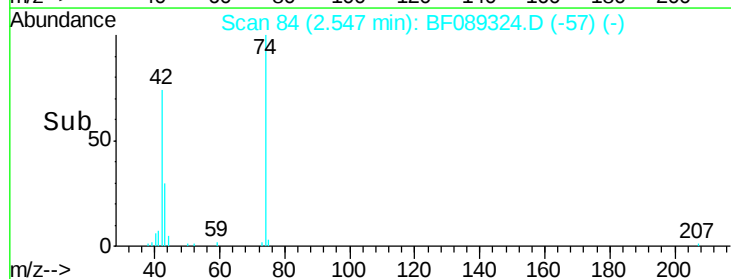
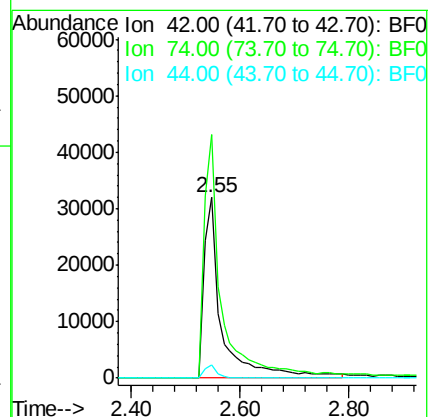
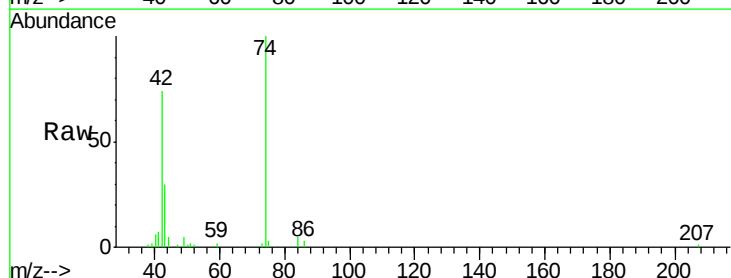
Tgt Ion: 42 Resp: 71344

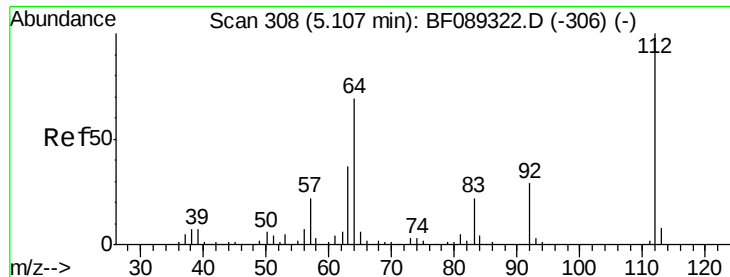
Ion Ratio Lower Upper

42 100

74 135.0 110.8 166.2

44 7.0 5.2 7.8





#5

2-Fluorophenol

Concen: 118.33 ng

RT: 5.12 min Scan# 309

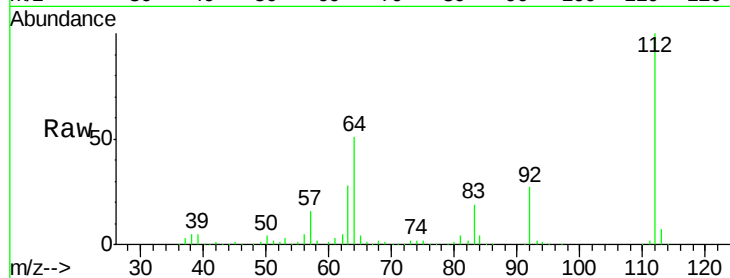
Delta R.T. 0.01 min

Lab File: BF089324.D

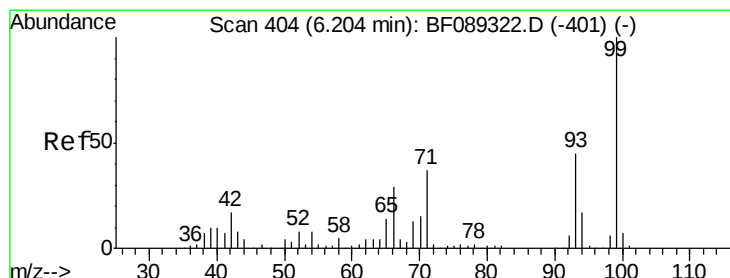
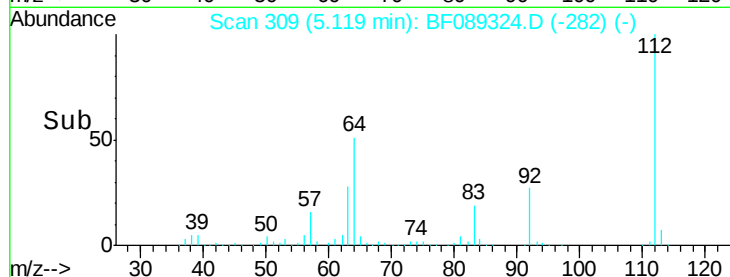
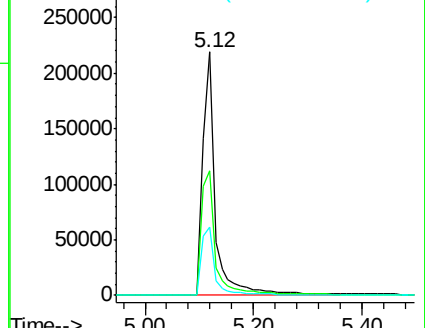
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	352872
Ion Ratio	Lower	Upper	
112	100		
64	50.9	55.0	82.6#
63	28.0	29.4	44.2#



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 50.16 ng

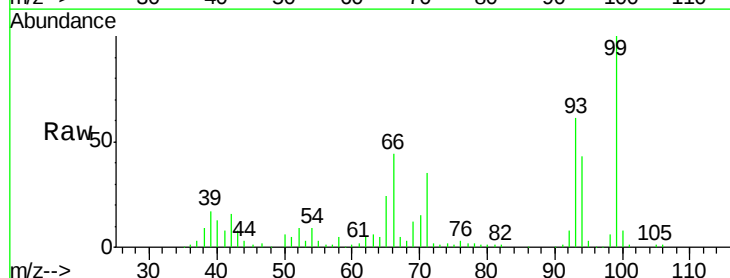
RT: 6.22 min Scan# 405

Delta R.T. 0.01 min

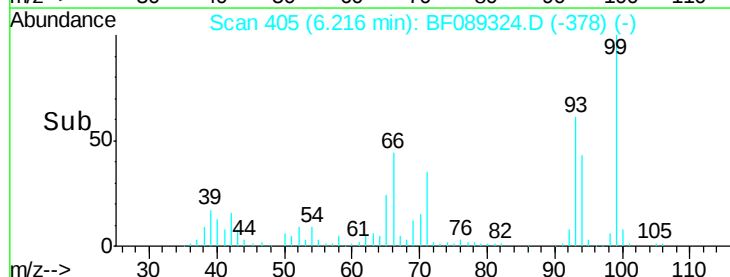
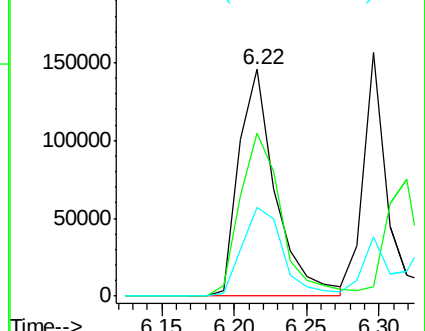
Lab File: BF089324.D

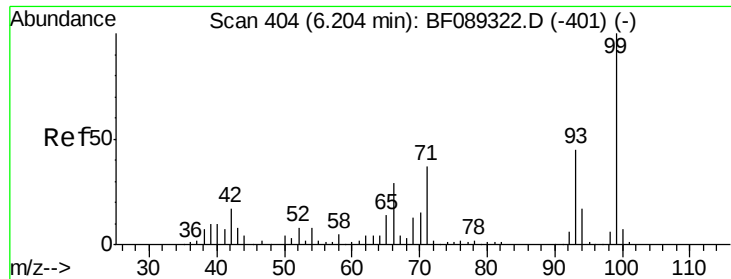
Acq: 27 Jul 2016 11:53

Tgt Ion:	93	Resp:	255951
Ion Ratio	Lower	Upper	
93	100		
66	72.2	51.6	77.4
65	39.3	24.7	37.1#



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 116.64 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

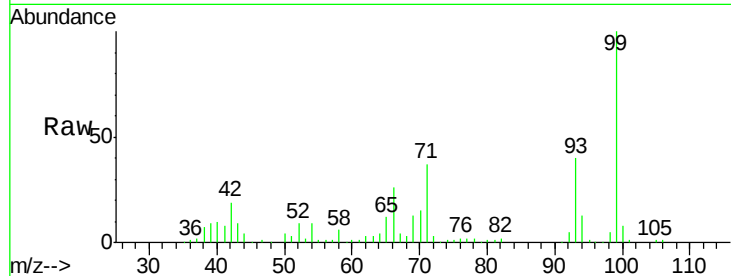
Tot Ion: 99 Resp: 451484

Ion Ratio Lower Upper

99 100

42 18.9 13.6 20.4

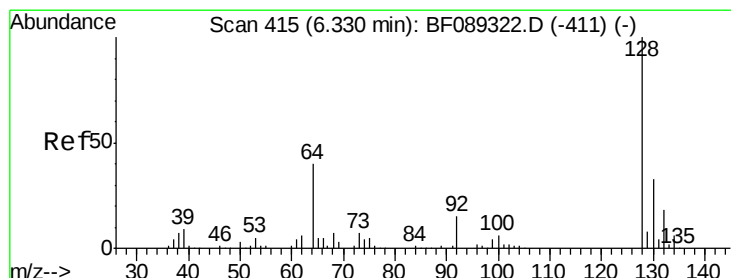
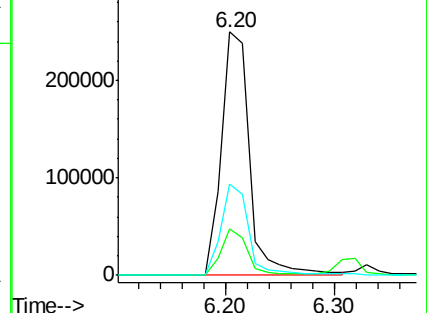
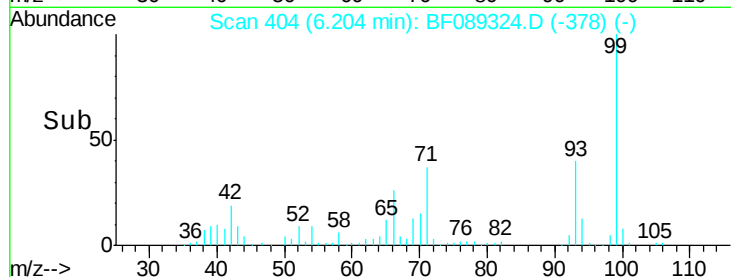
71 37.3 29.4 44.2



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: 57.94 ng

RT: 6.33 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

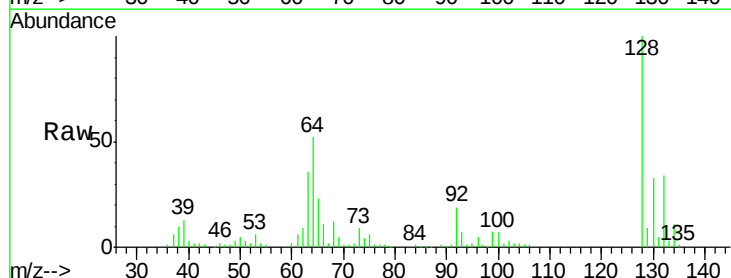
Tgt Ion:128 Resp: 193468

Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

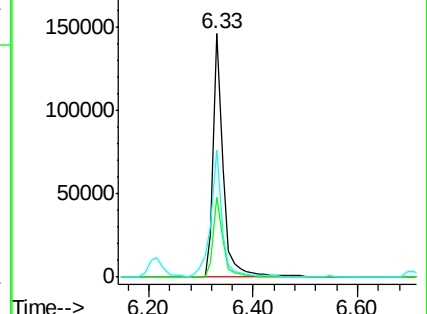
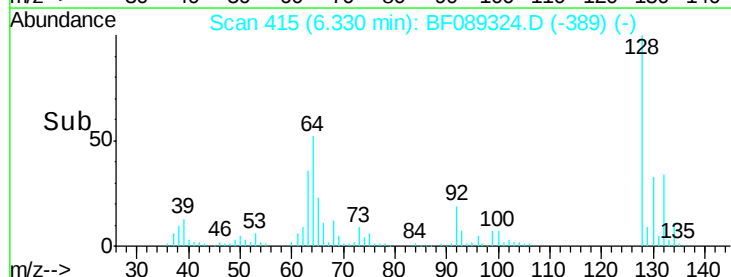
64 52.0 22.1 62.1

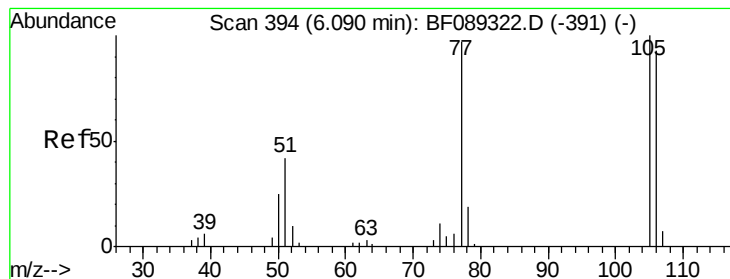


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 57.53 ng

RT: 6.09 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampled :

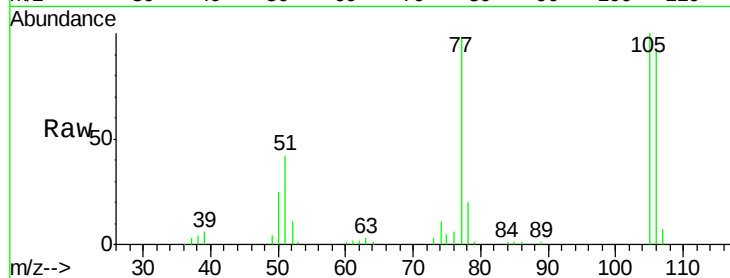
Tot Ion: 77 Resp: 117066

Ion Ratio Lower Upper

77 100

105 102.4 82.9 122.9

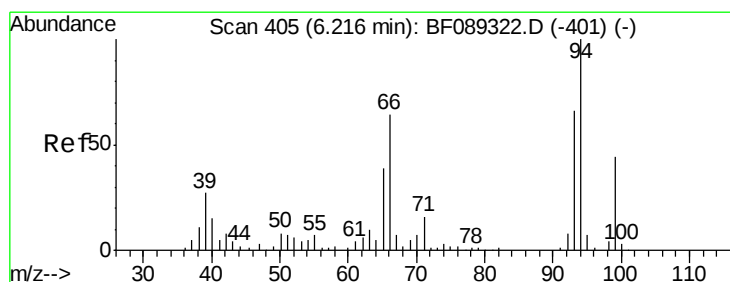
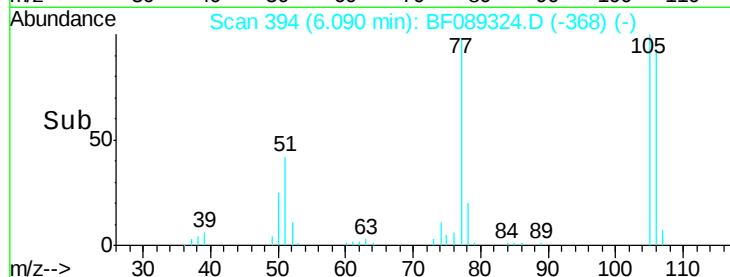
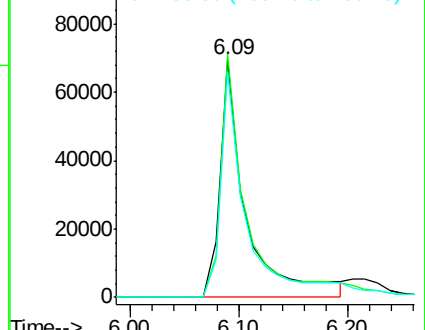
106 94.8 75.9 115.9



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: 57.51 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

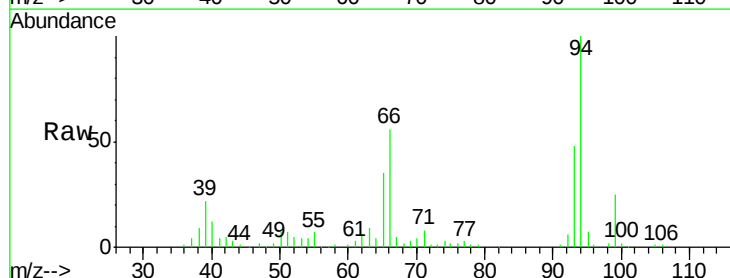
Tgt Ion: 94 Resp: 254824

Ion Ratio Lower Upper

94 100

65 34.7 19.1 59.1

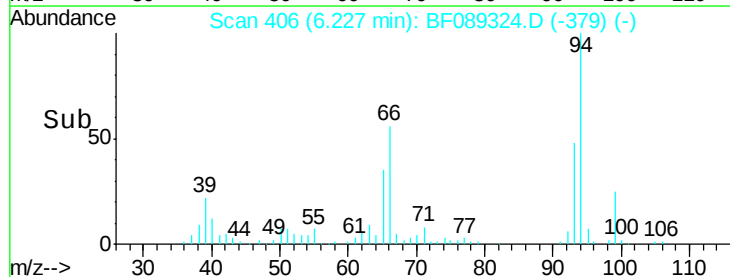
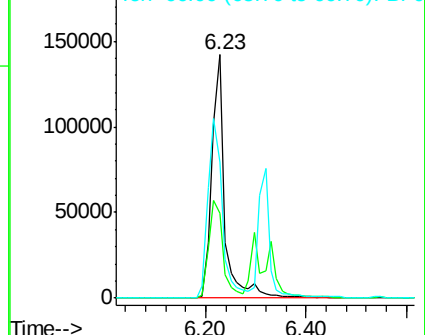
66 56.0 44.4 84.4

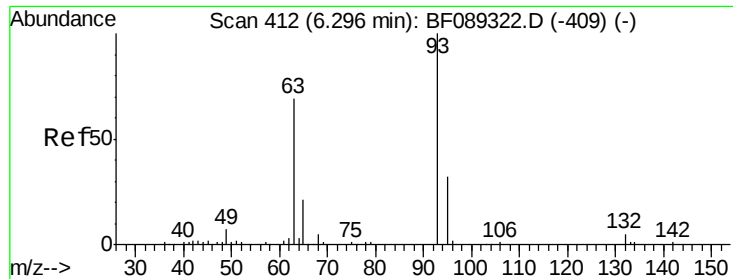


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

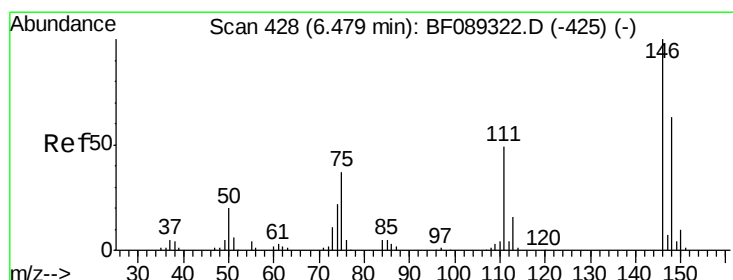
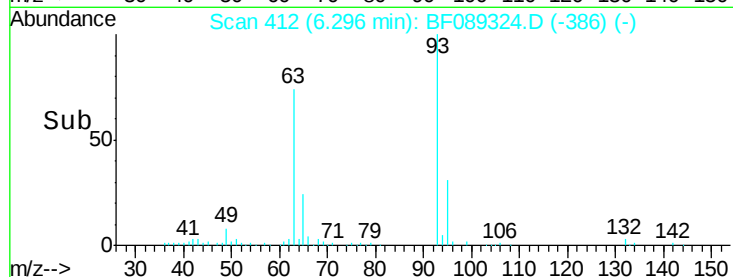
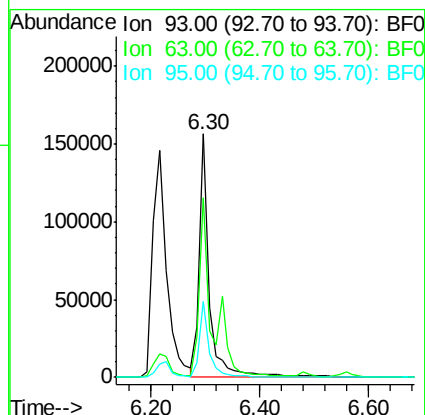
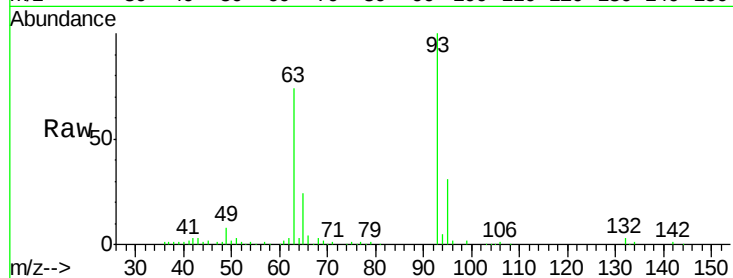




#11
bis(2-Chloroethyl)ether
Concen: 58.66 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

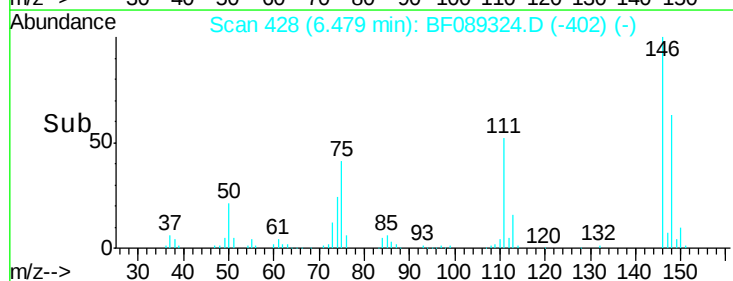
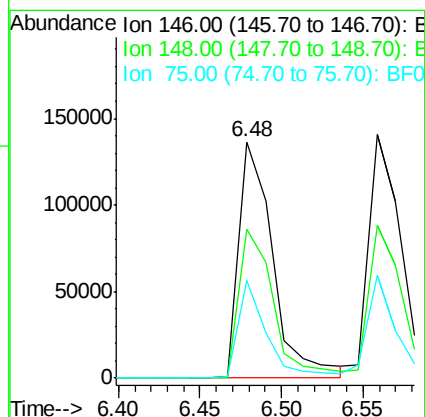
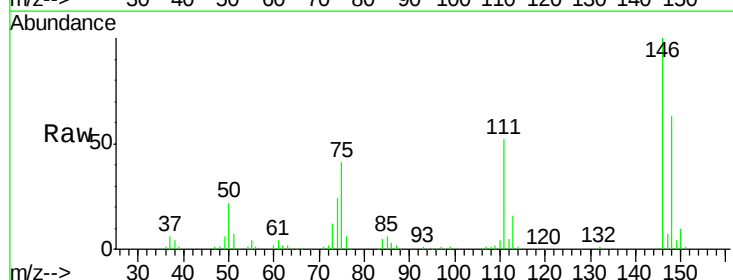
Instrument :
BNA_F
ClientSampleId :

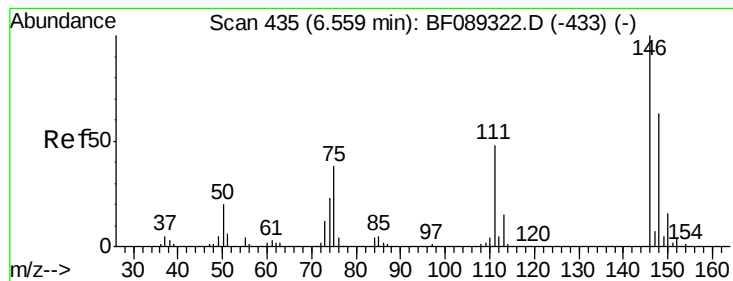
Tot Ion: 93 Resp: 196243
Ion Ratio Lower Upper
93 100
63 73.8 45.6 85.6
95 31.2 11.1 51.1



#12
1,3-Dichlorobenzene
Concen: 53.77 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion: 146 Resp: 197183
Ion Ratio Lower Upper
146 100
148 62.8 50.5 75.7
75 41.3 30.0 45.0





#13

1,4-Dichlorobenzene

Concen: 57.73 ng

RT: 6.56 min Scan# 435

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

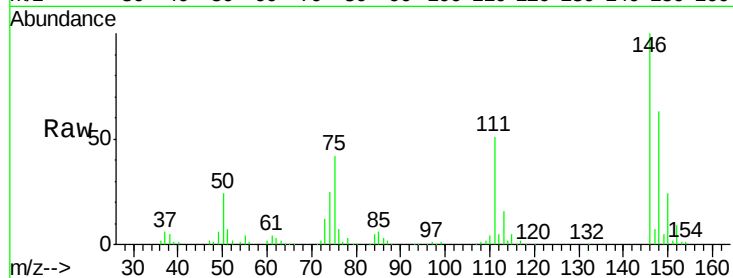
Tot Ion:146 Resp: 215580

Ion Ratio Lower Upper

146 100

148 62.9 50.8 76.2

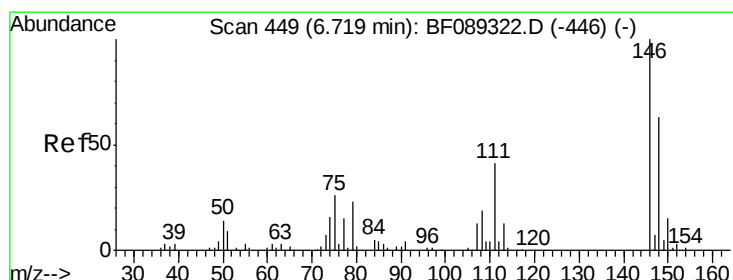
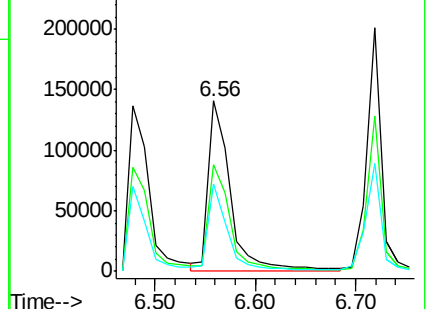
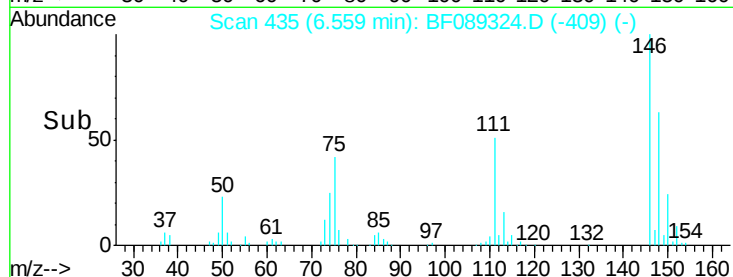
111 51.2 38.6 57.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 60.31 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

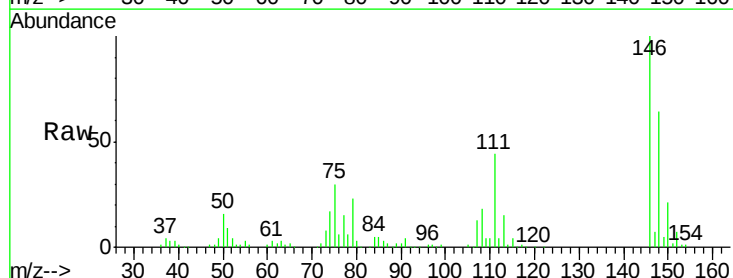
Tgt Ion:146 Resp: 209018

Ion Ratio Lower Upper

146 100

148 63.5 50.4 75.6

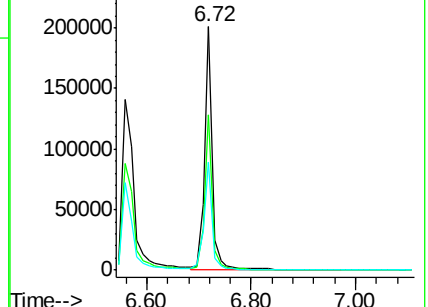
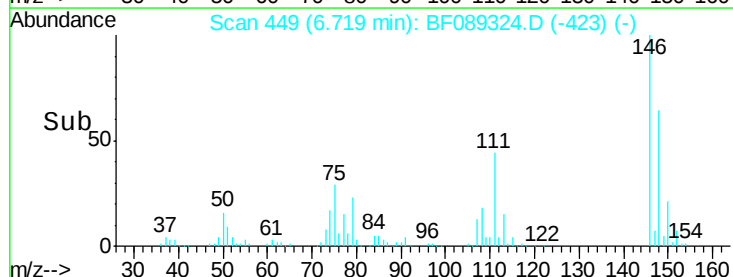
111 44.5 33.0 49.4

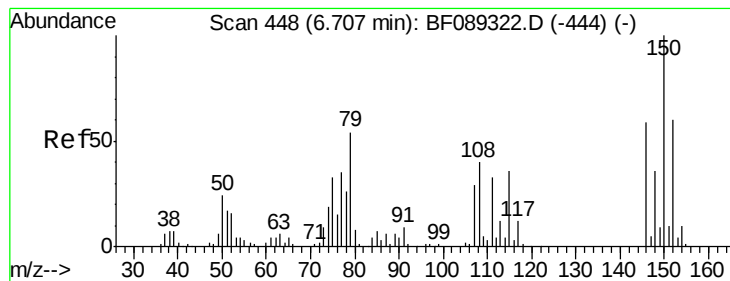


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.31 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

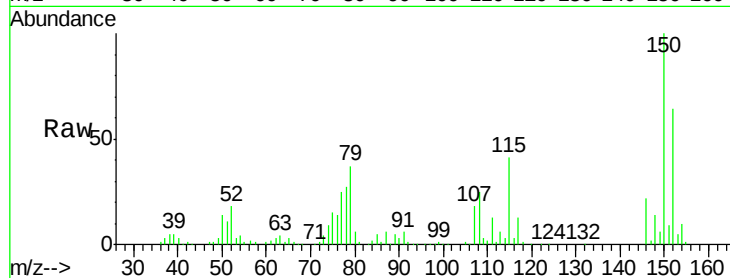
Tot Ion: 79 Resp: 149323

Ion Ratio Lower Upper

79 100

108 67.6 59.8 89.6

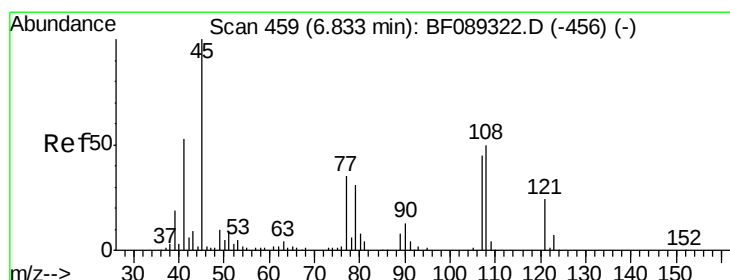
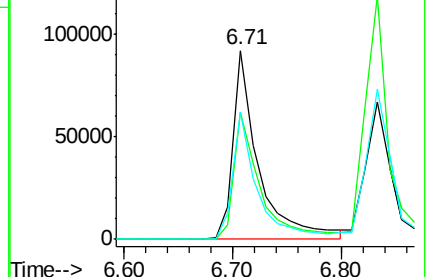
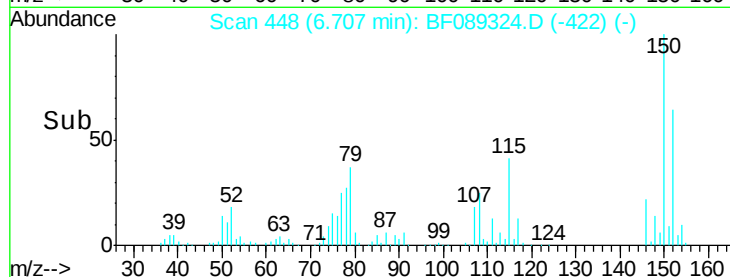
77 67.1 51.7 77.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 60.15 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

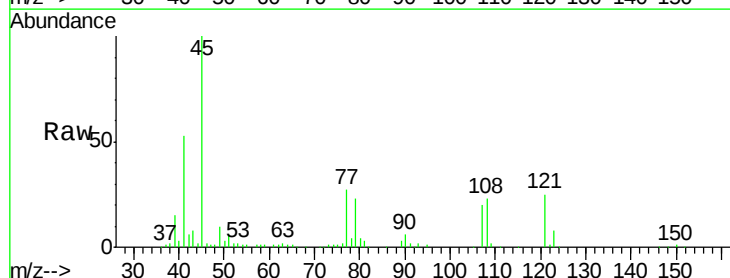
Tgt Ion: 45 Resp: 230229

Ion Ratio Lower Upper

45 100

77 26.6 17.3 57.3

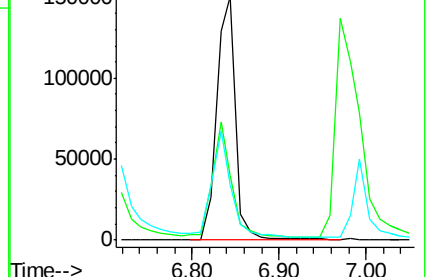
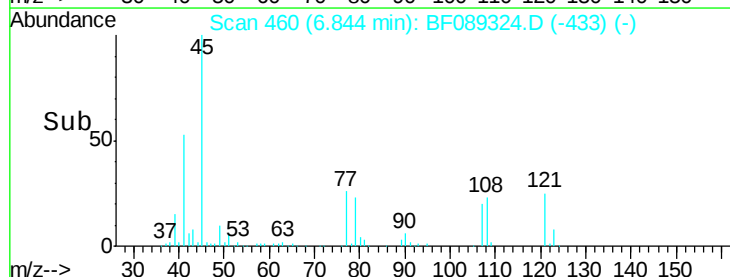
79 22.9 13.9 53.9

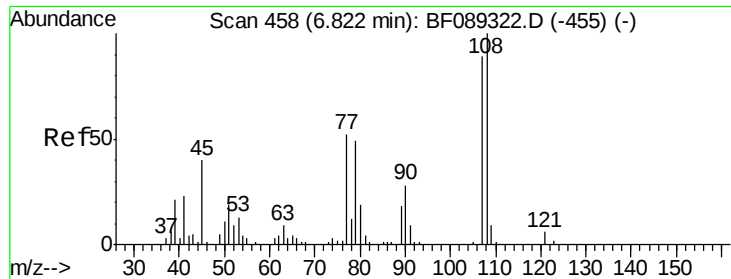


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

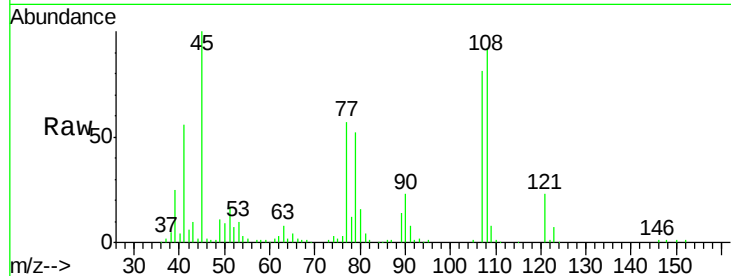




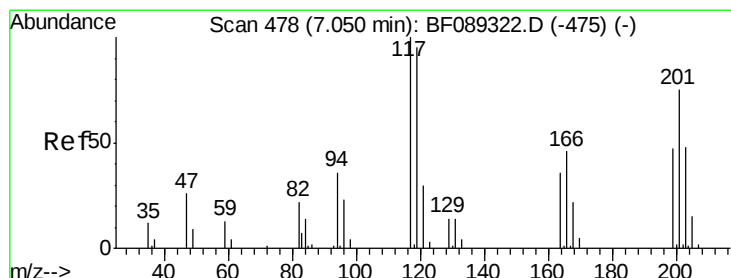
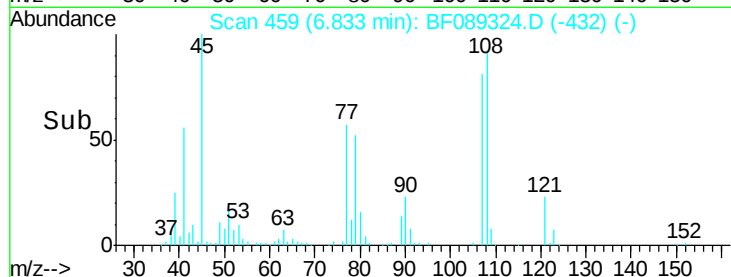
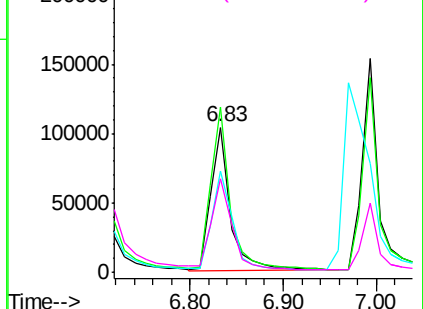
#17
2-Methylphenol
Concen: 57.52 ng
RT: 6.83 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 148973
Ion Ratio Lower Upper
107 100
108 113.5 91.4 137.0
77 69.9 48.6 73.0
79 64.2 48.2 72.4

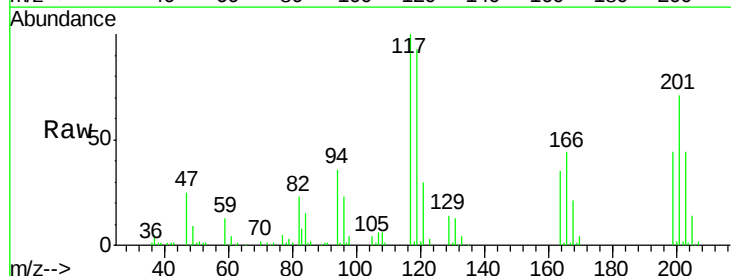


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

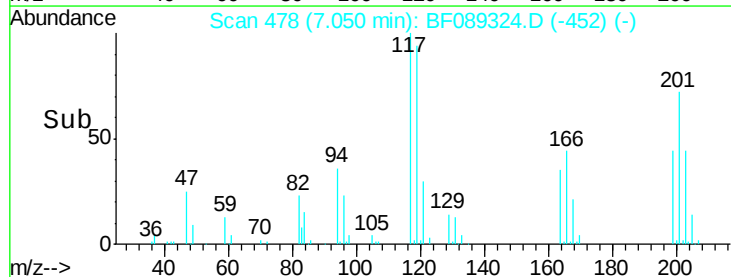
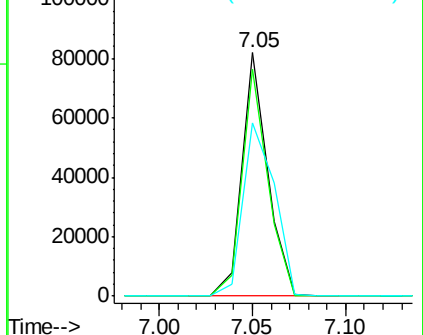


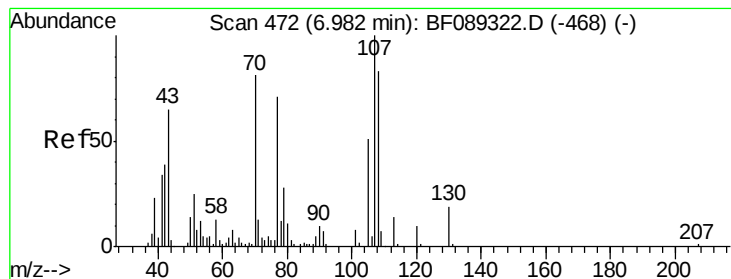
#18
Hexachloroethane
Concen: 56.68 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:117 Resp: 79301
Ion Ratio Lower Upper
117 100
119 93.4 76.0 114.0
201 71.1 60.0 90.0



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





#19

n-Nitroso-di-n-propylamine

Concen: 56.12 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 139444

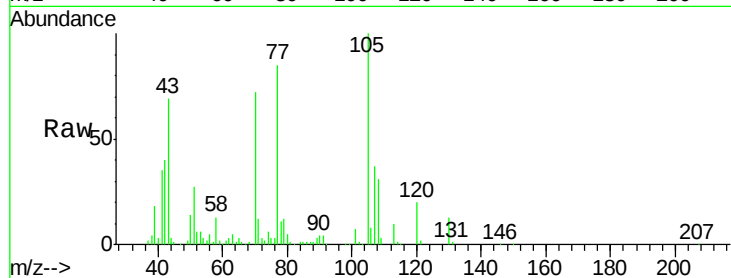
Ion Ratio Lower Upper

70 100

42 56.2 38.6 57.8

101 9.2 8.3 12.5

130 17.5 19.0 28.4#

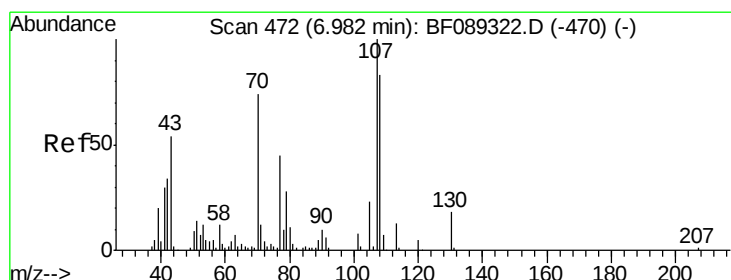
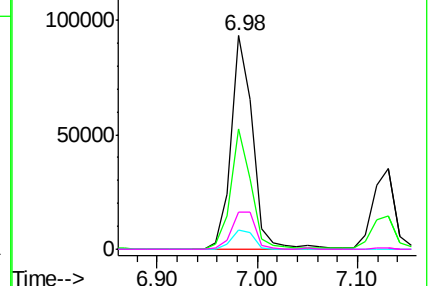
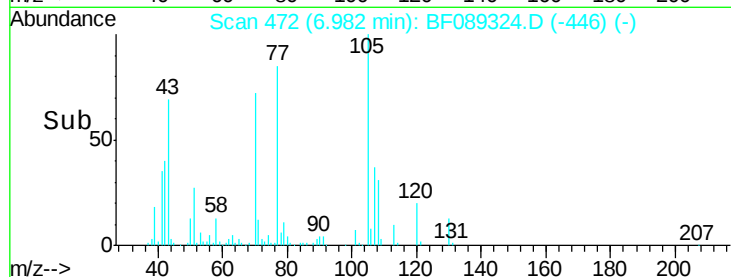


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 54.51 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Tgt Ion: 107 Resp: 191531

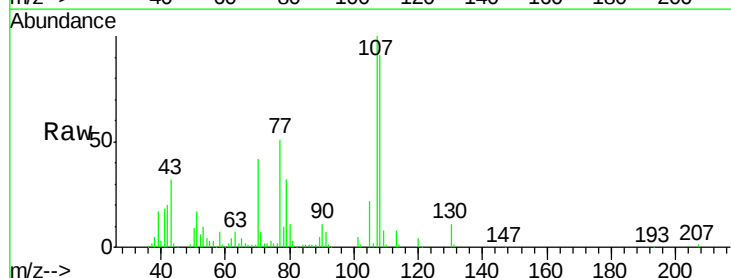
Ion Ratio Lower Upper

107 100

108 90.8 63.3 103.3

77 50.9 51.1 91.1#

79 32.4 9.3 49.3

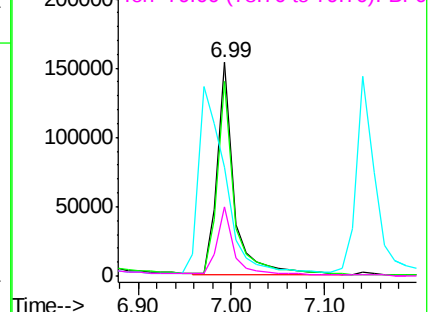
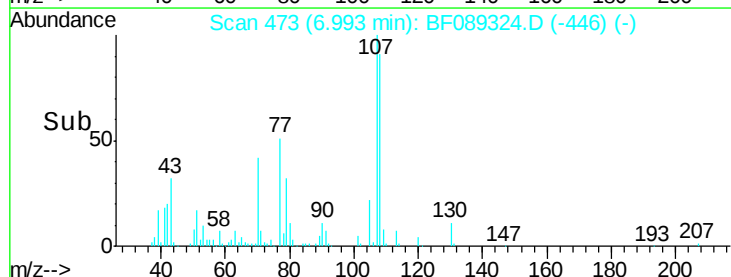


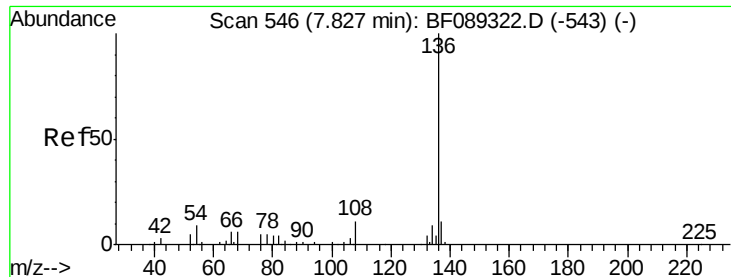
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 192661

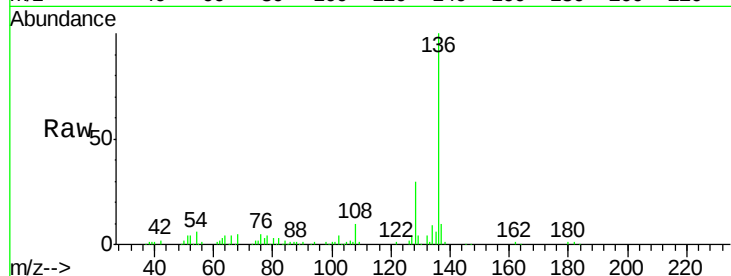
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.8 7.0 10.4#

68 4.5 4.9 7.3#

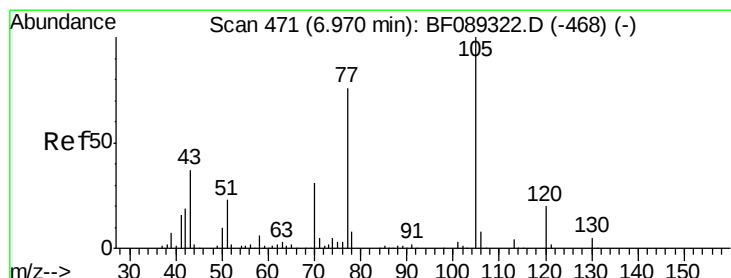
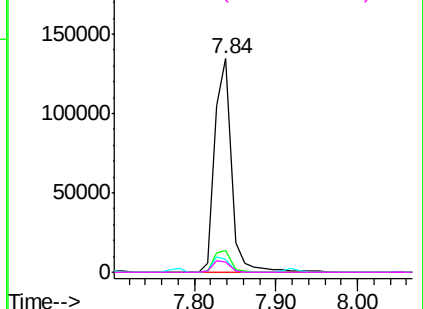
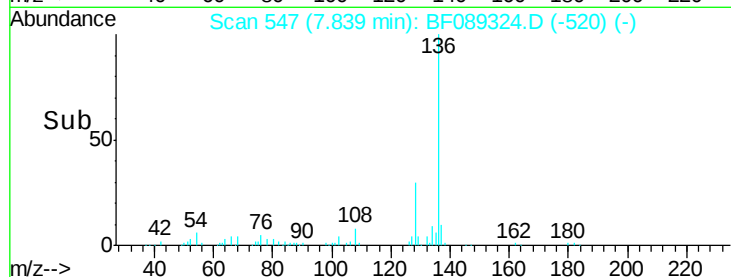


Abundance Ion 136.00 (135.70 to 136.70): E

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: 55.06 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Tgt Ion:105 Resp: 278459

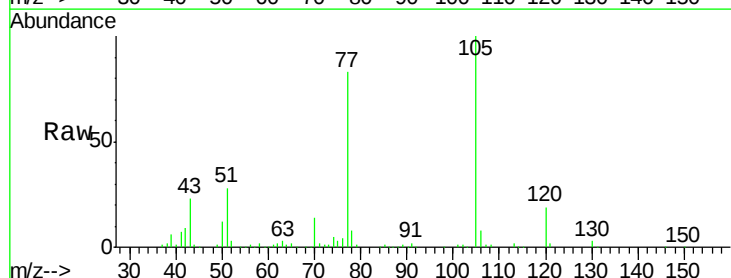
Ion Ratio Lower Upper

105 100

71 2.4 4.2 6.2#

51 27.9 18.7 28.1

120 18.7 15.8 23.6

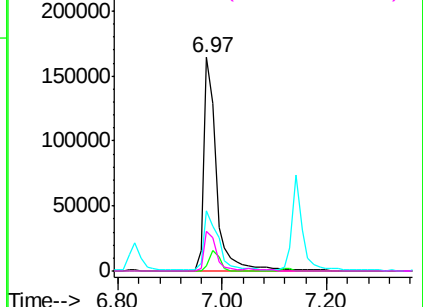
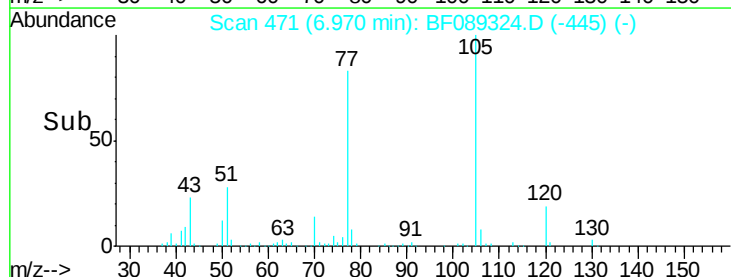


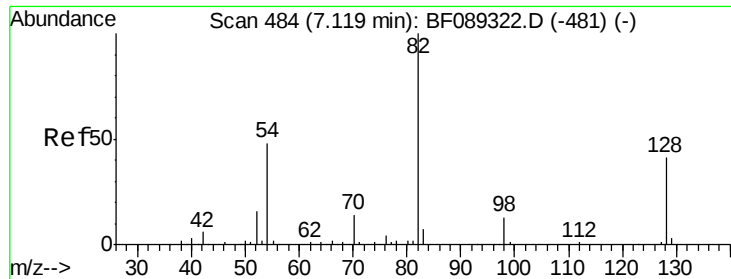
Abundance Ion 105.00 (104.70 to 105.70): E

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

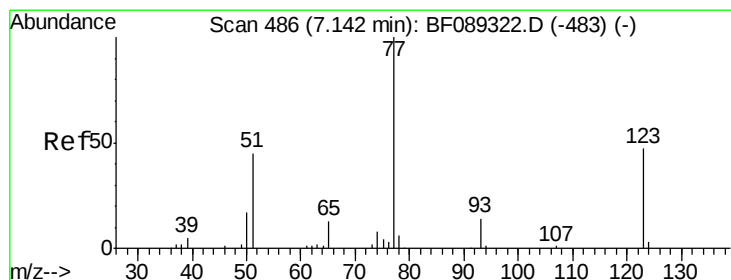
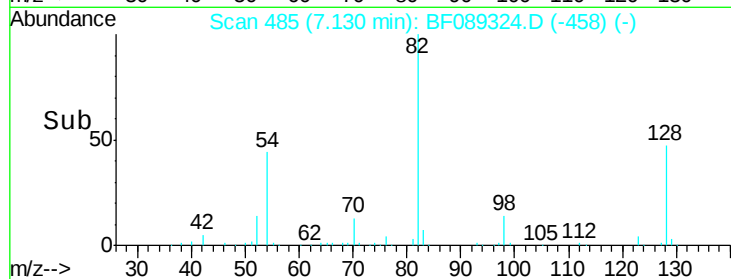
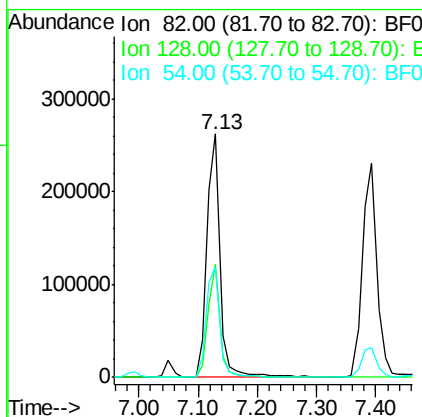
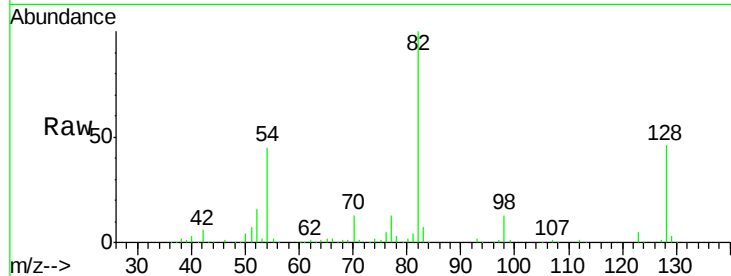




#23
 Nitrobenzene-d5
 Concen: 113.54 ng
 RT: 7.13 min Scan# 485
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

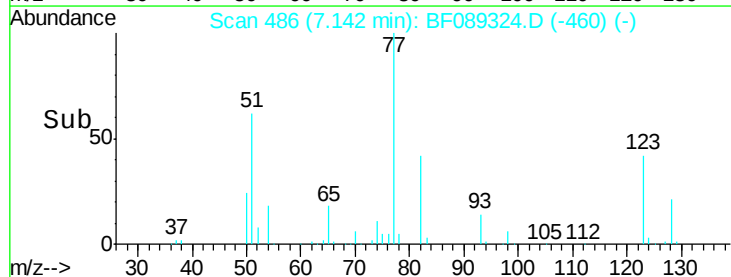
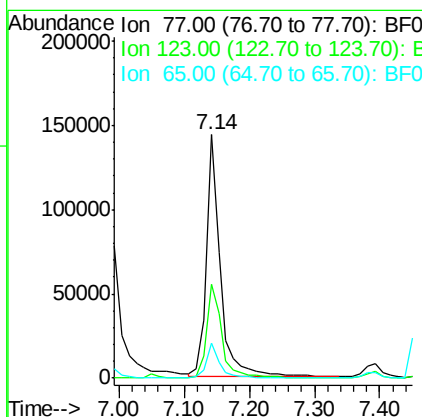
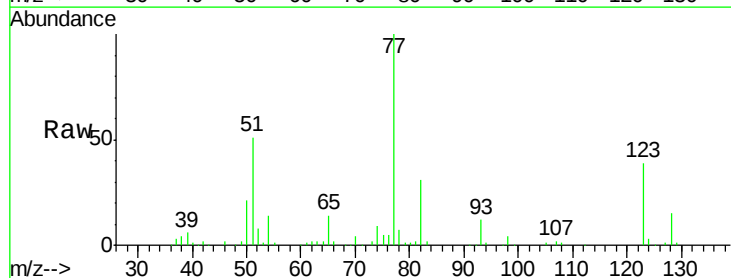
Instrument :
 BNA_F
 ClientSampleId :

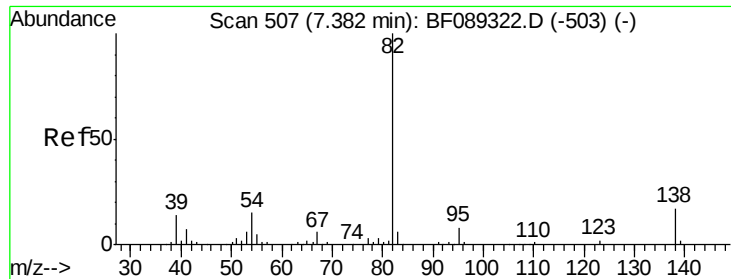
Tot Ion: 82 Resp: 408749
 Ion Ratio Lower Upper
 82 100
 128 46.4 32.5 48.7
 54 45.4 38.8 58.2



#24
 Nitrobenzene
 Concen: 56.22 ng
 RT: 7.14 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion: 77 Resp: 212709
 Ion Ratio Lower Upper
 77 100
 123 38.6 37.2 55.8
 65 14.1 10.2 15.4





#25

Isophorone

Concen: 59.45 ng

RT: 7.39 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

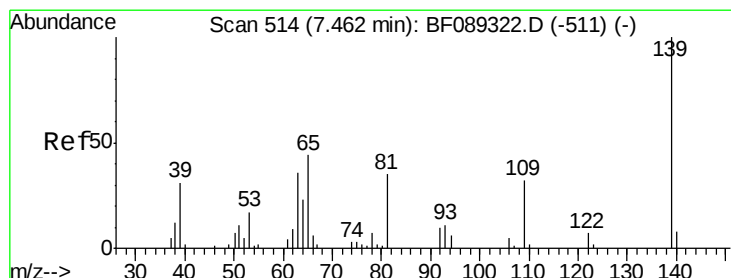
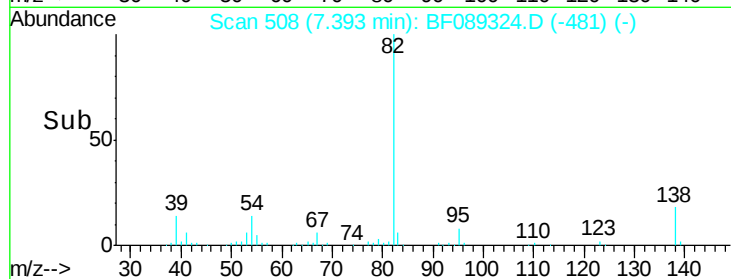
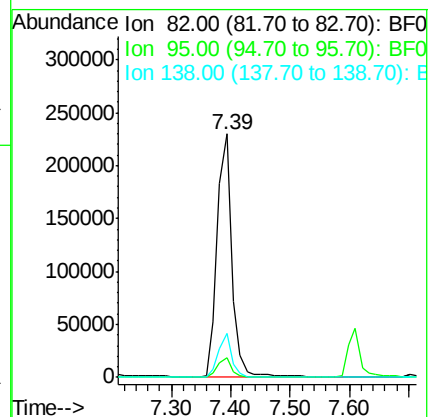
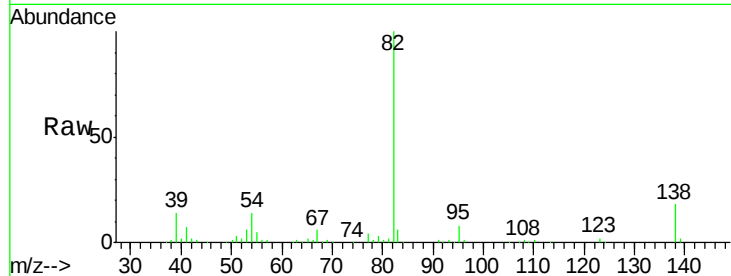
Tot Ion: 82 Resp: 395078

Ion Ratio Lower Upper

82 100

95 7.8 6.0 9.0

138 18.3 13.3 19.9



#26

2-Nitrophenol

Concen: 59.35 ng

RT: 7.46 min Scan# 514

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

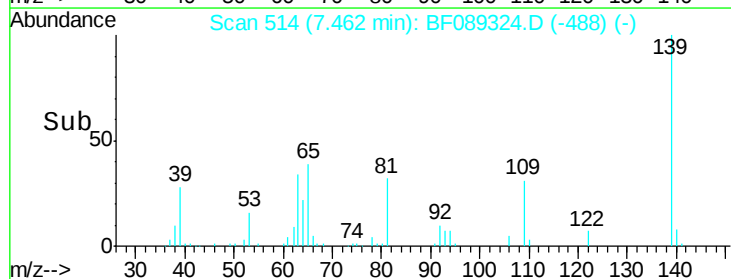
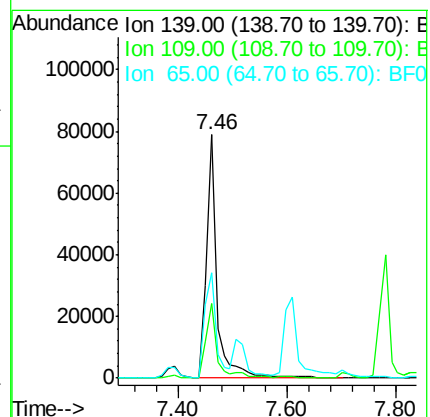
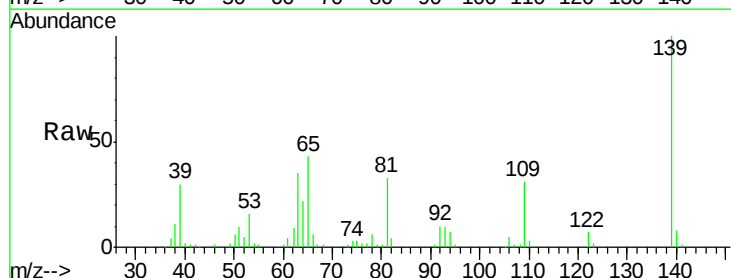
Tgt Ion: 139 Resp: 104963

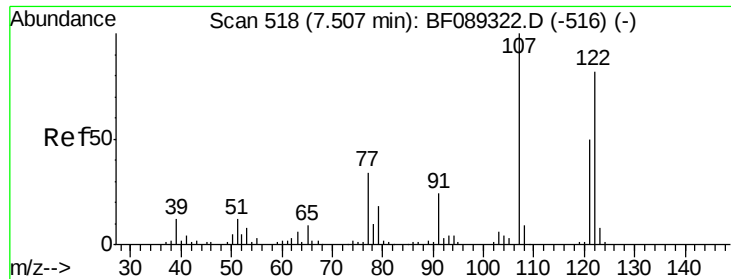
Ion Ratio Lower Upper

139 100

109 30.7 25.8 38.8

65 43.3 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 54.40 ng

RT: 7.52 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

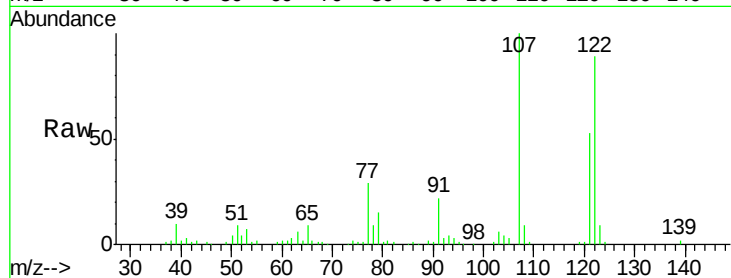
Tot Ion:122 Resp: 162117

Ion Ratio Lower Upper

122 100

107 112.1 97.2 145.8

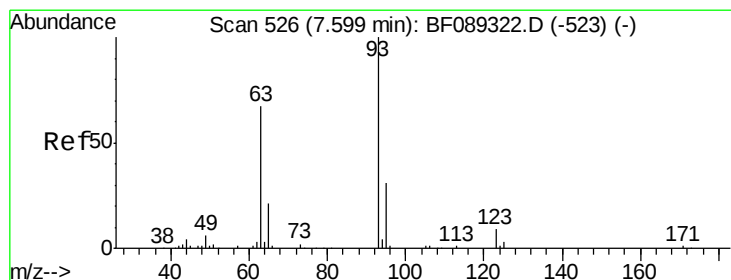
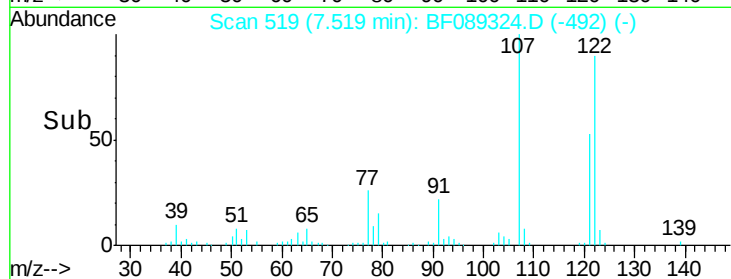
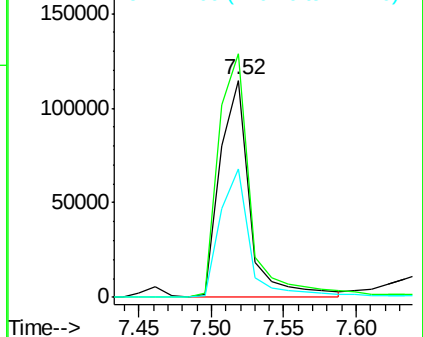
121 59.2 48.8 73.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 53.30 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

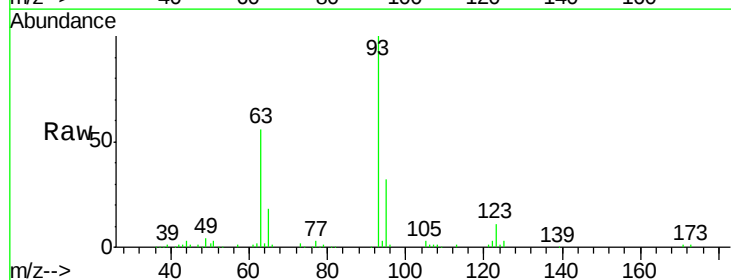
Tgt Ion: 93 Resp: 217408

Ion Ratio Lower Upper

93 100

95 32.1 24.7 37.1

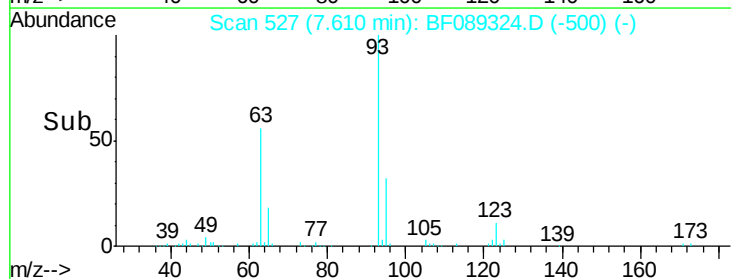
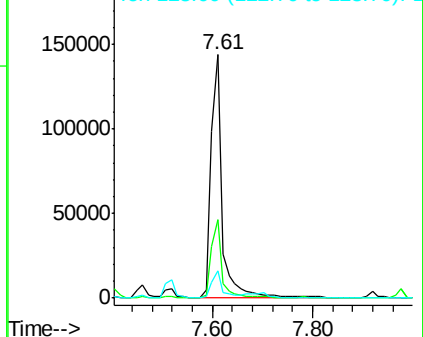
123 11.3 7.5 11.3#

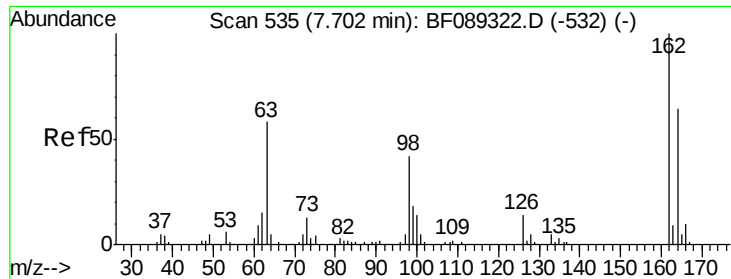


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

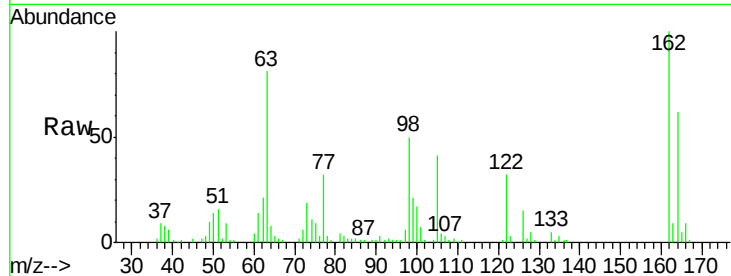




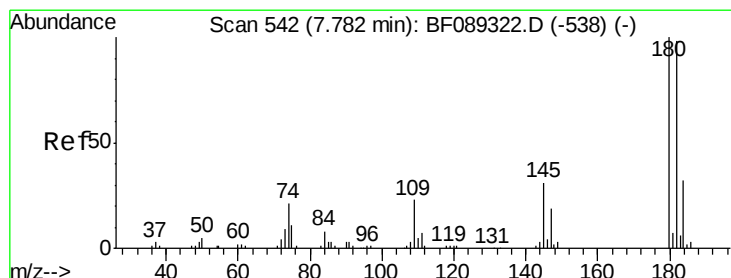
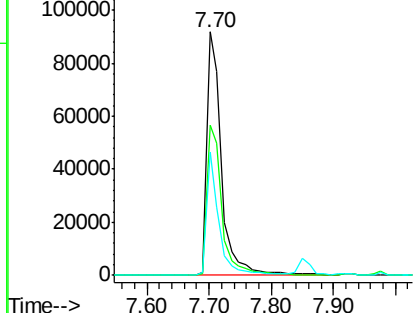
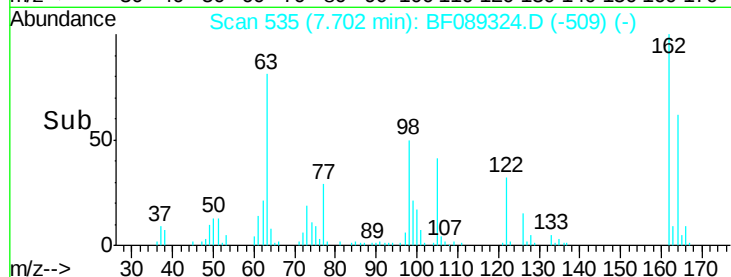
#29
 2,4-Dichlorophenol
 Concen: 55.68 ng
 RT: 7.70 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 149877
 Ion Ratio Lower Upper
 162 100
 164 61.9 44.0 84.0
 98 50.5 21.8 61.8

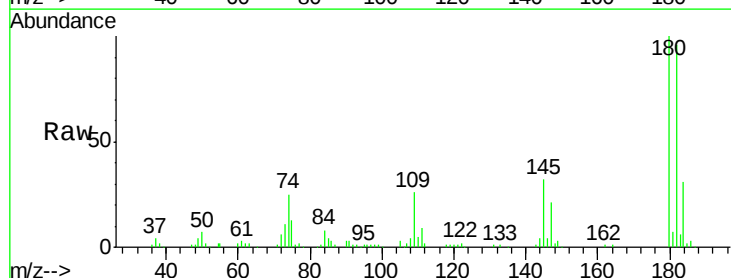


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

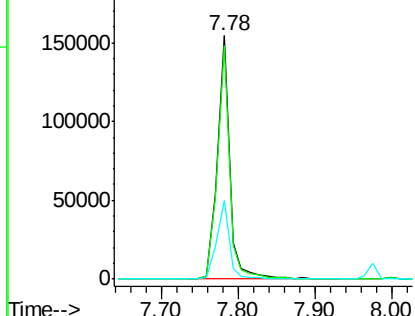
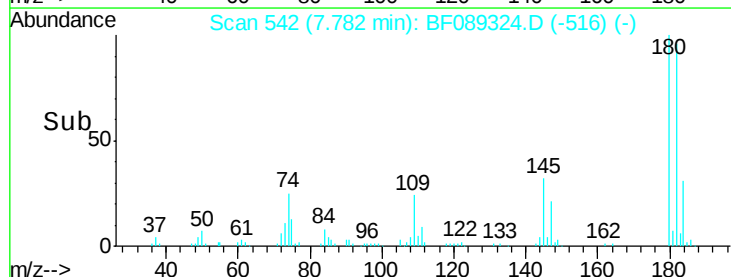


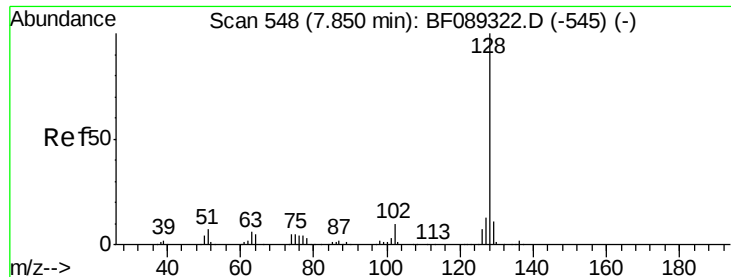
#30
 1,2,4-Trichlorobenzene
 Concen: 58.39 ng
 RT: 7.78 min Scan# 542
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:180 Resp: 173278
 Ion Ratio Lower Upper
 180 100
 182 95.7 78.2 117.2
 145 32.4 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: 51.30 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

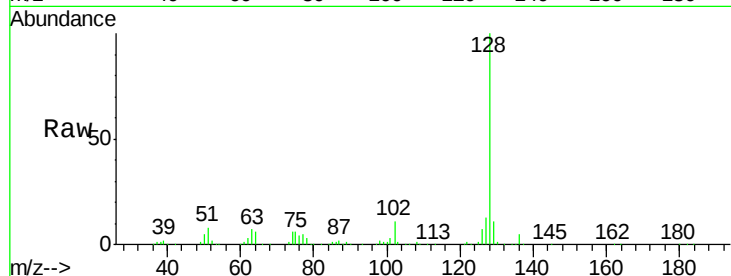
Tot Ion:128 Resp: 528812

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

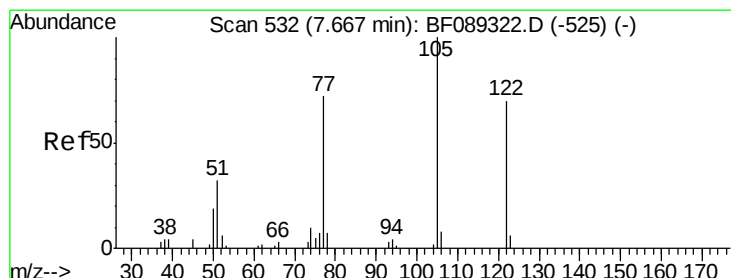
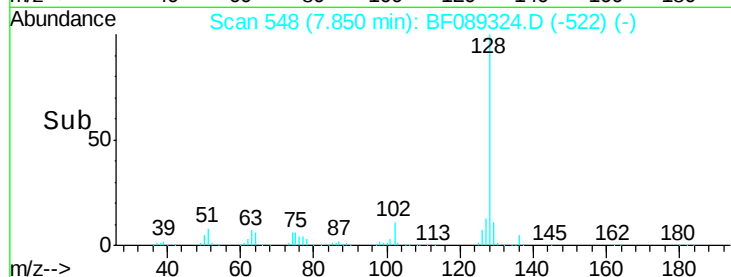
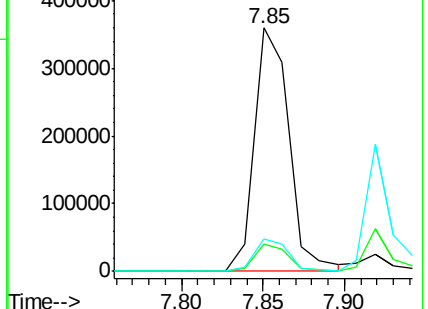
127 13.4 10.8 16.2



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: 54.57 ng

RT: 7.70 min Scan# 535

Delta R.T. 0.03 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

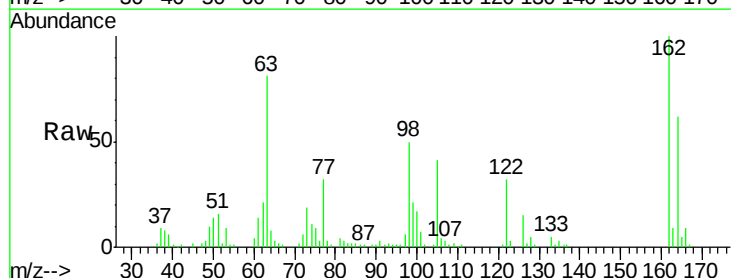
Tgt Ion:122 Resp: 120671

Ion Ratio Lower Upper

122 100

105 126.5 106.4 146.4

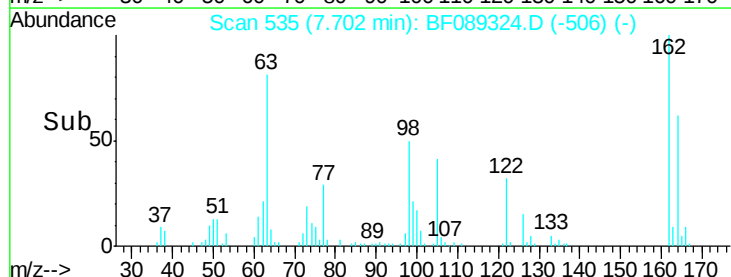
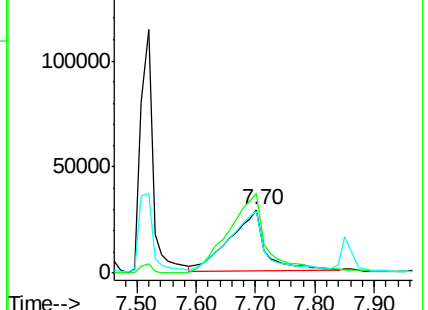
77 98.7 76.4 116.4

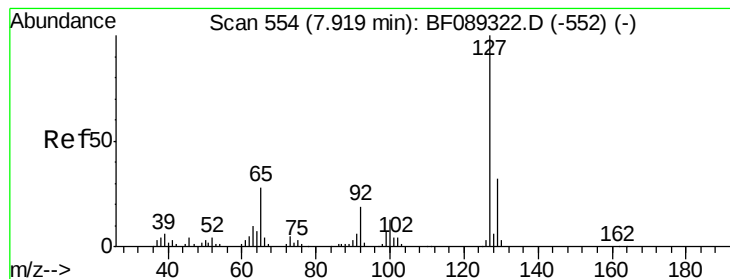


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 53.25 ng

RT: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 226513

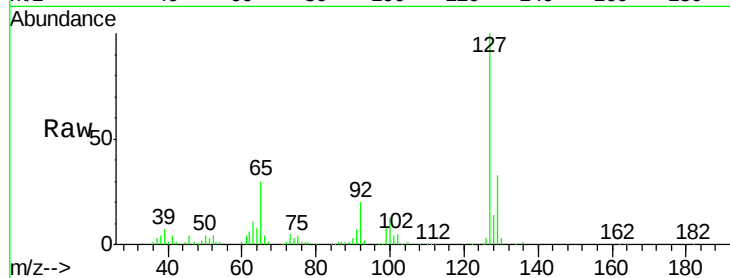
Ion Ratio Lower Upper

127 100

129 33.0 26.1 39.1

65 29.7 22.0 33.0

92 20.4 15.2 22.8

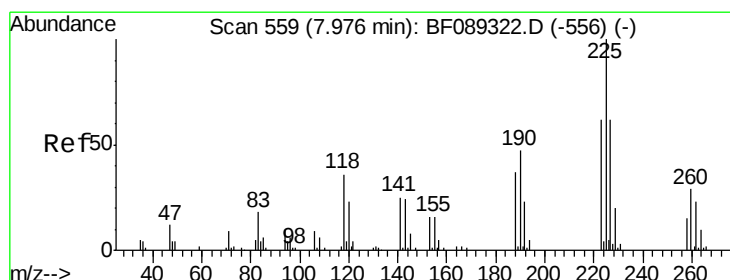
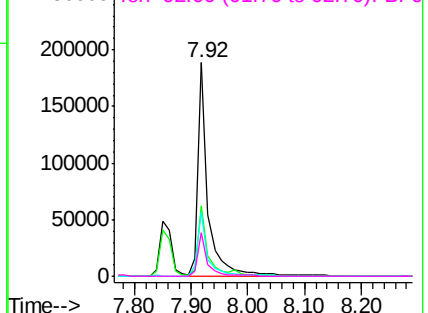
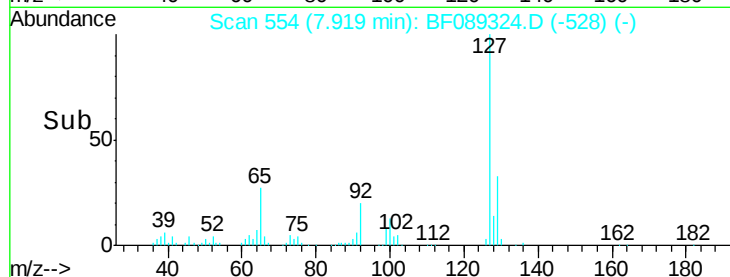


Abundance Ion 127.00 (126.70 to 127.70): E

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: 54.99 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

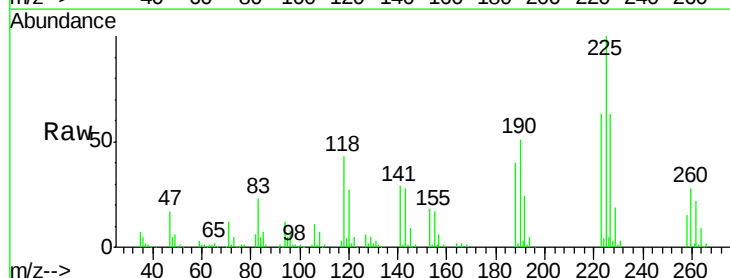
Tgt Ion:225 Resp: 91172

Ion Ratio Lower Upper

225 100

223 63.0 49.8 74.8

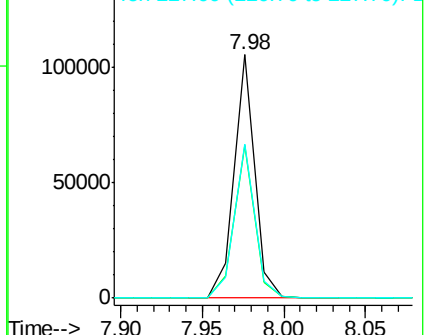
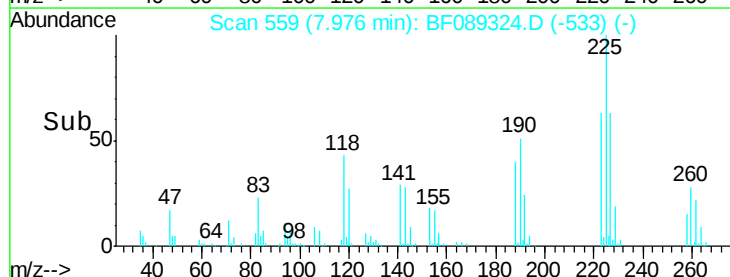
227 63.2 49.4 74.2

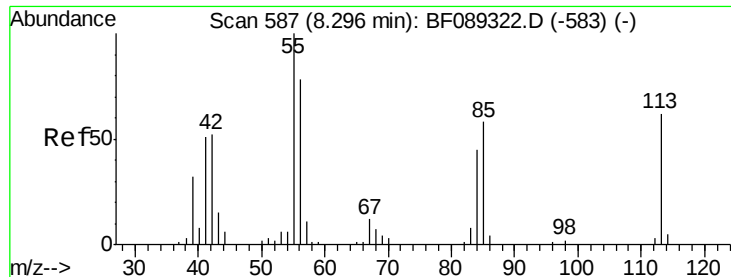


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 56.32 ng

RT: 8.32 min Scan# 589

Delta R.T. 0.02 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

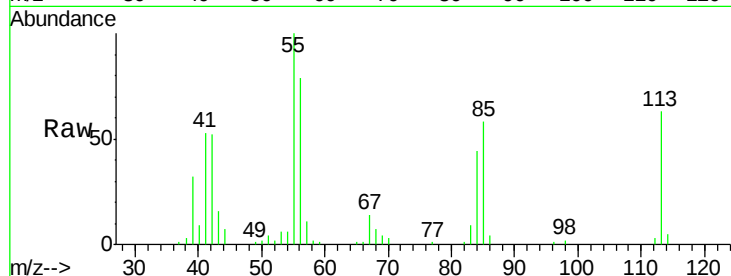
Tot Ion:113 Resp: 46549

Ion Ratio Lower Upper

113 100

55 158.8 142.3 182.3

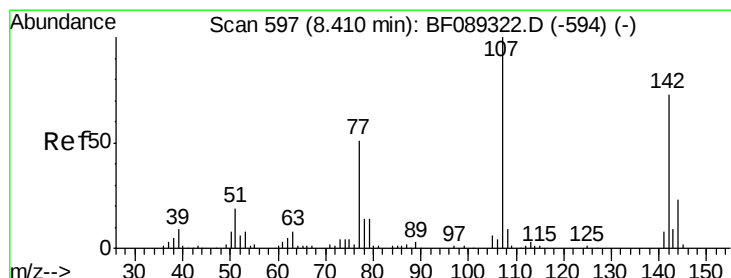
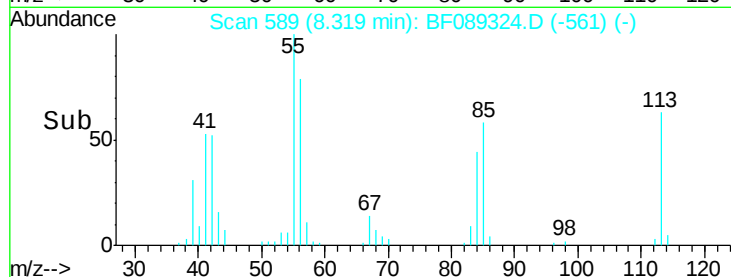
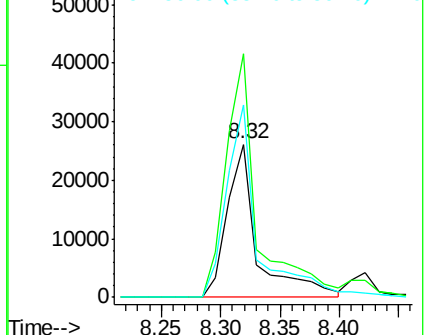
56 125.5 105.8 145.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 56.91 ng

RT: 8.42 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

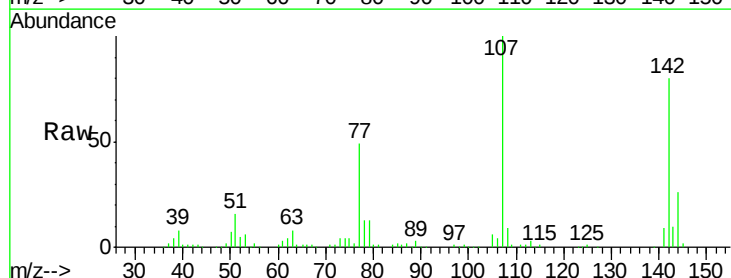
Tgt Ion:107 Resp: 184598

Ion Ratio Lower Upper

107 100

144 25.5 18.4 27.6

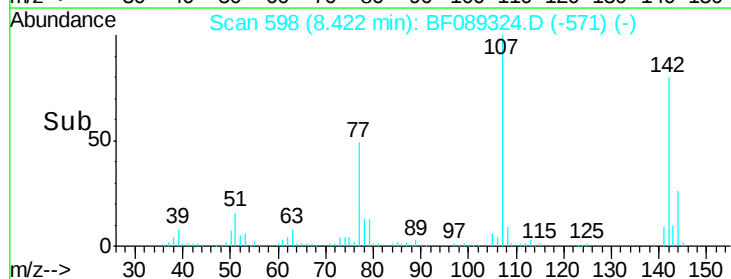
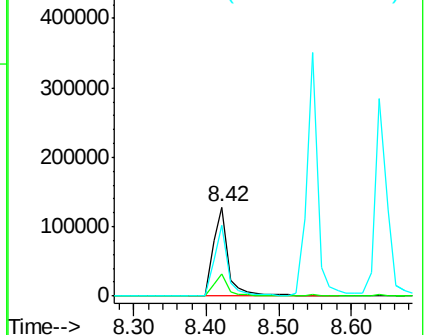
142 79.5 58.6 87.8

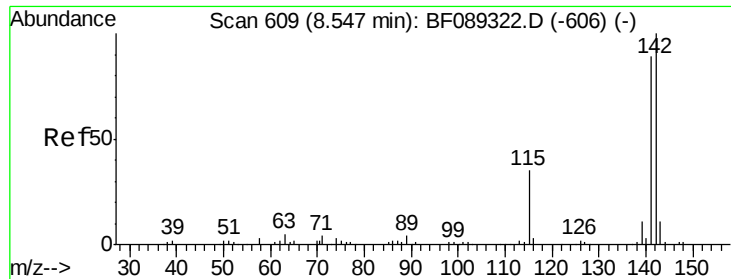


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

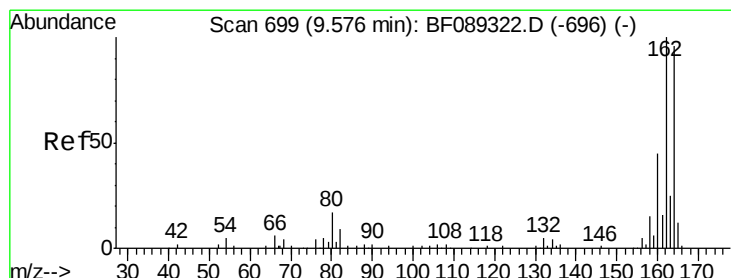
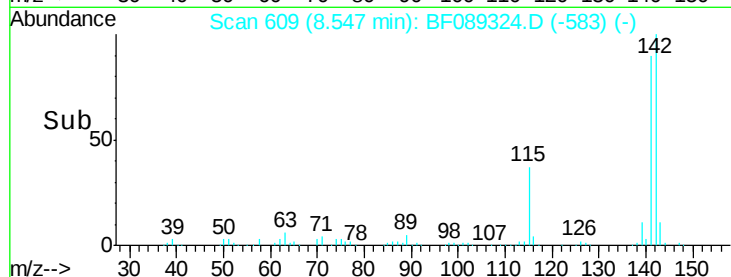
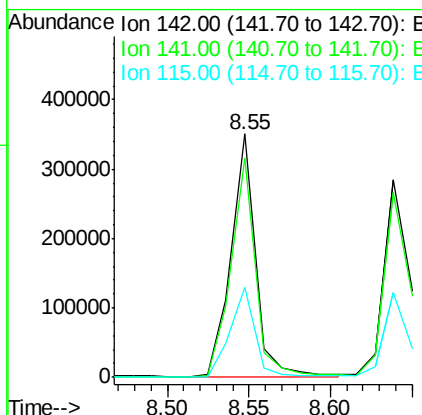
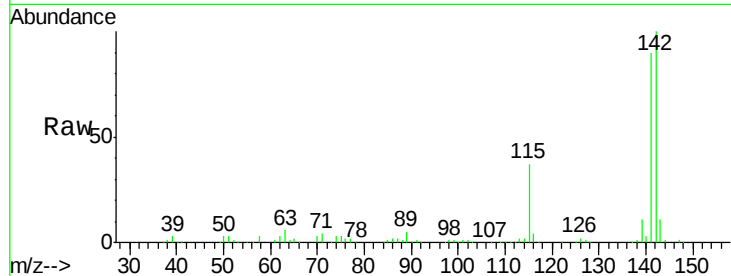




#37
 2-Methylnaphthalene
 Concen: 56.75 ng
 RT: 8.55 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

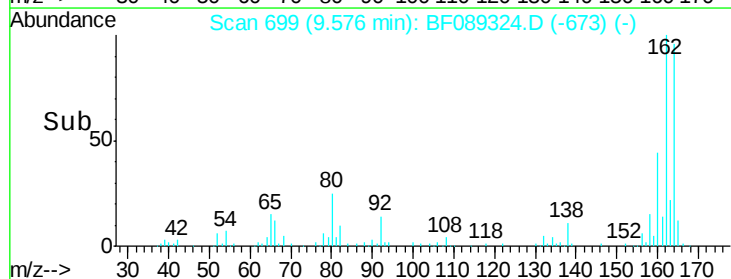
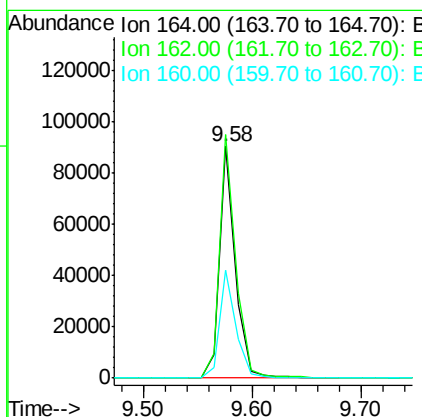
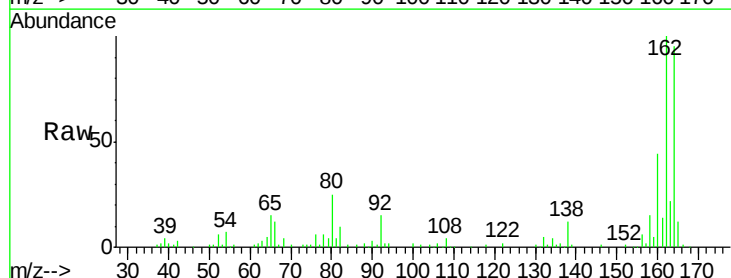
Instrument :
 BNA_F
 ClientSampleID :

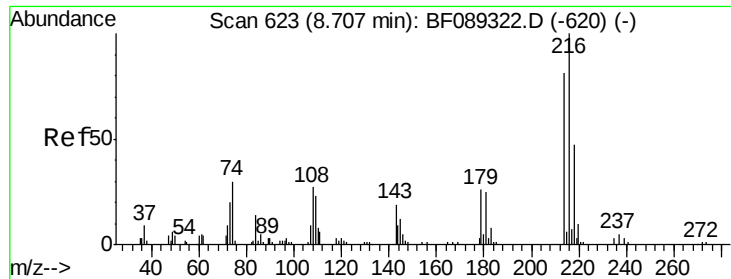
Tot Ion:142 Resp: 366620
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.9 106.3
 115 36.9 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:164 Resp: 91745
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.7 125.5
 160 46.4 37.8 56.6

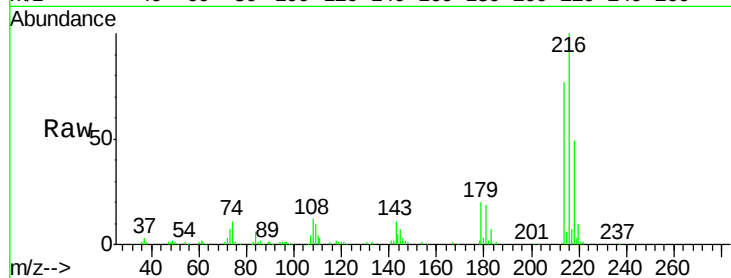




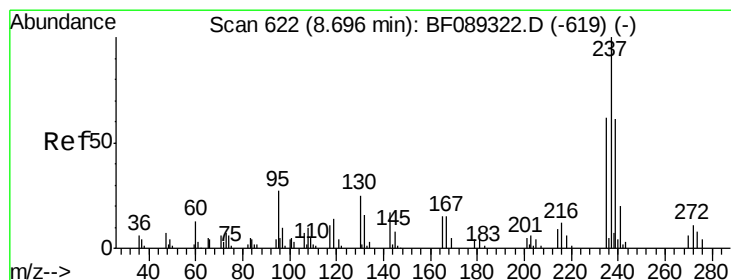
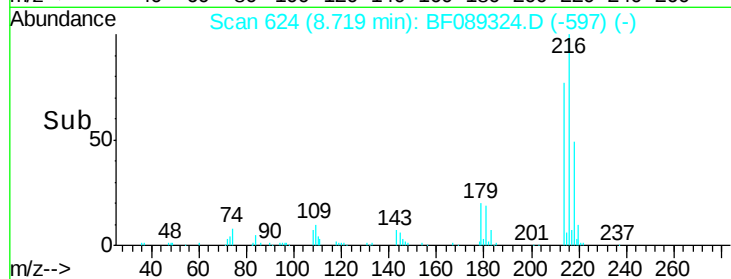
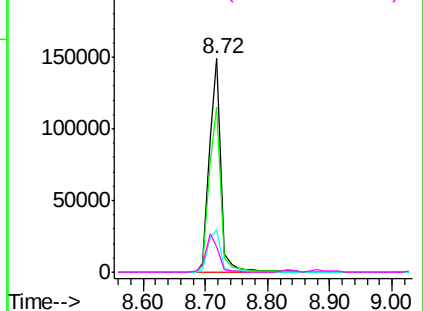
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 56.55 ng
 RT: 8.72 min Scan# 624
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216	Resp:	191177
Ion Ratio	Lower	Upper
216	100	
214	78.7	63.3 94.9
179	21.9	18.1 27.1
108	19.9	17.2 25.8

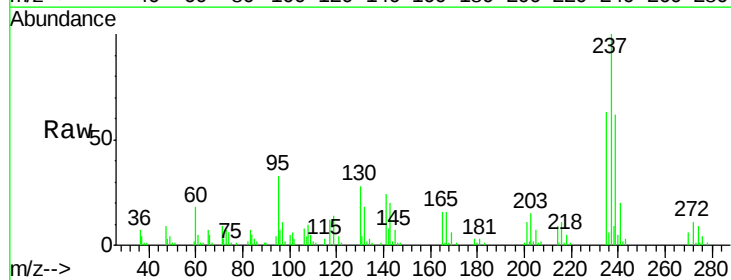


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

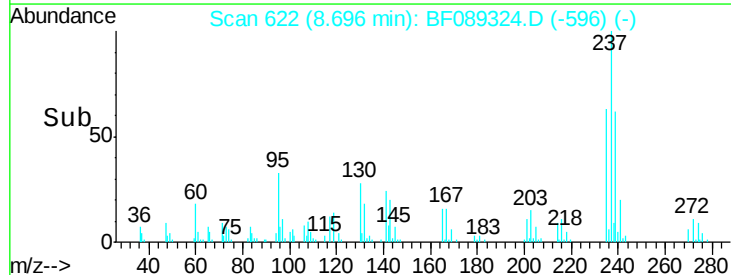
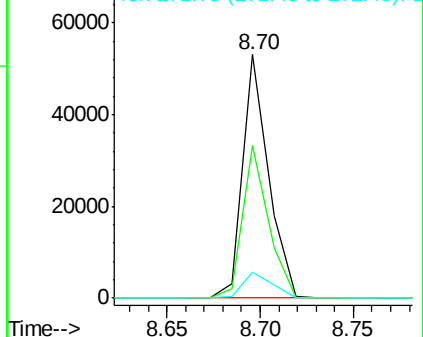


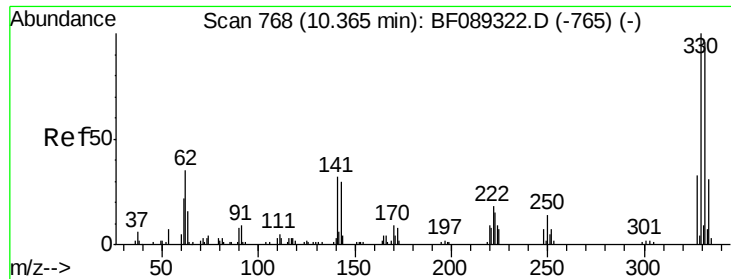
#40
 Hexachlorocyclopentadiene
 Concen: 58.03 ng
 RT: 8.70 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:237	Resp:	51263
Ion Ratio	Lower	Upper
237	100	
235	62.6	41.6 81.6
272	10.9	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

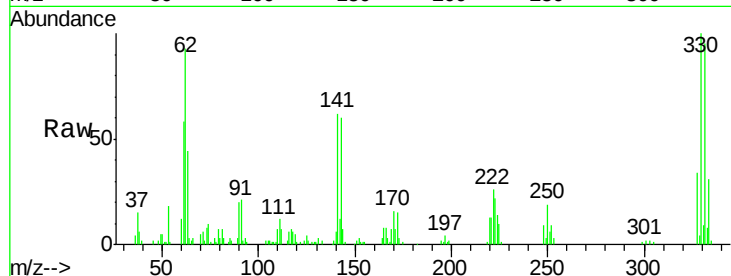




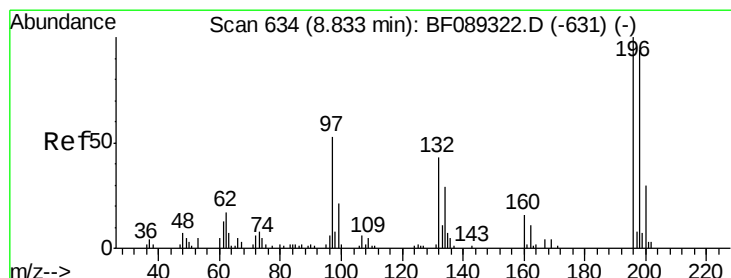
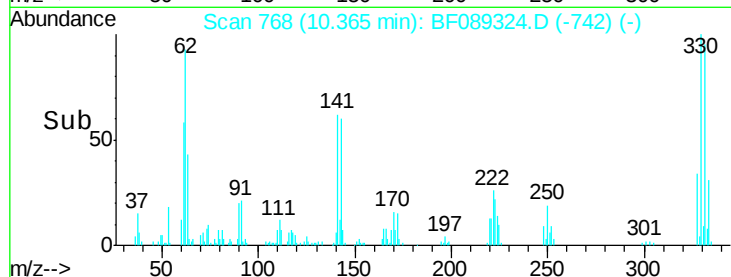
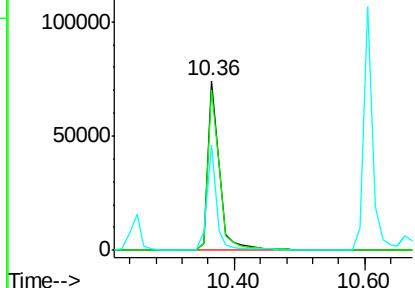
#41
 2,4,6-Tribromophenol
 Concen: 111.75 ng
 RT: 10.36 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	52.5	37.3	55.9

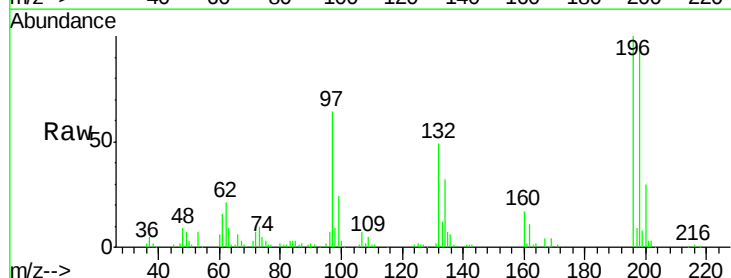


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

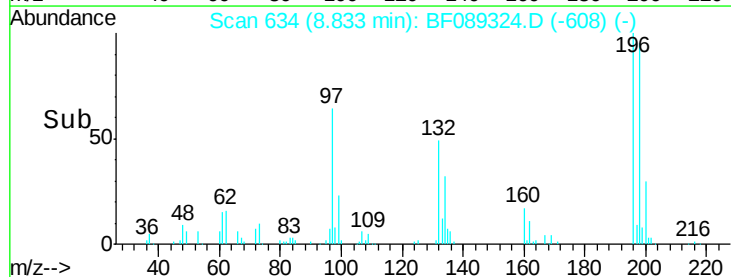
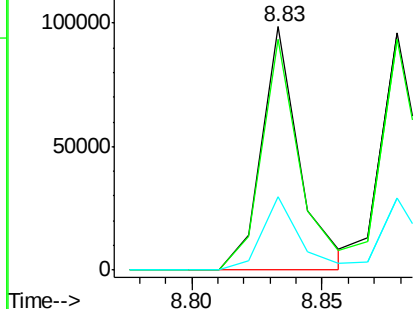


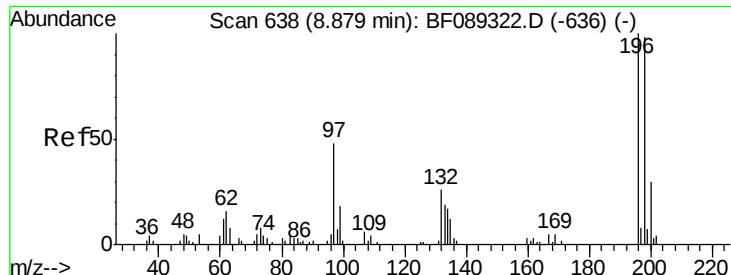
#42
 2,4,6-Trichlorophenol
 Concen: 53.91 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.5	113.3
200	30.3	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

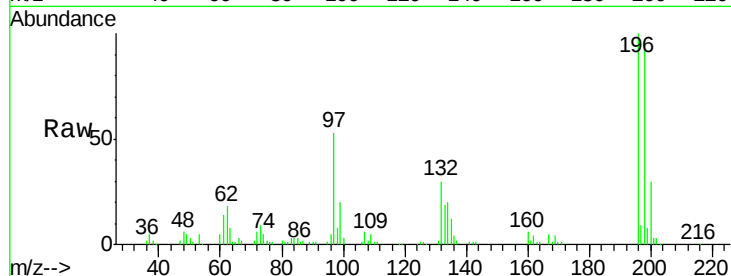




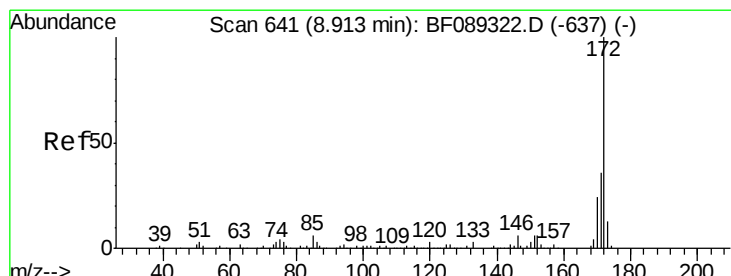
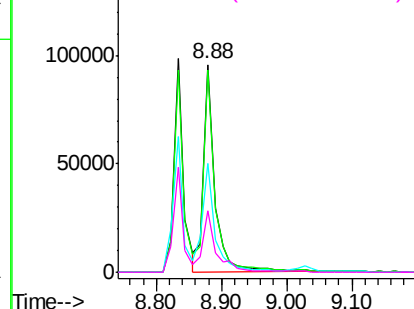
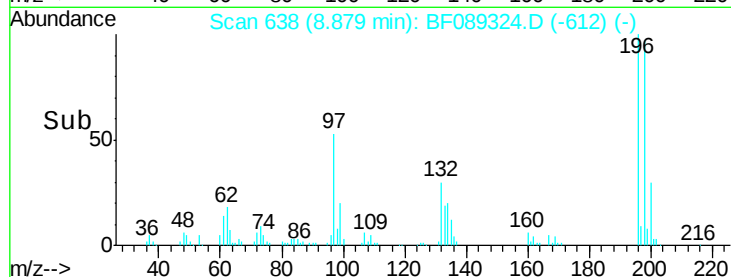
#43
 2,4,5-Trichlorophenol
 Concen: 61.60 ng
 RT: 8.88 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	116606
Ion Ratio	Lower	Upper	
196	100		
198	97.4	78.7	118.1
97	52.6	39.7	59.5
132	29.7	22.8	34.2

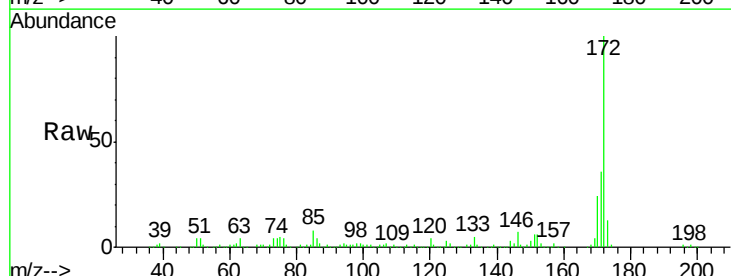


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

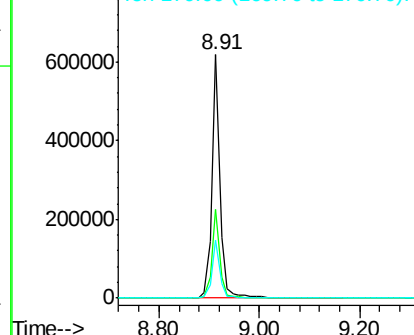
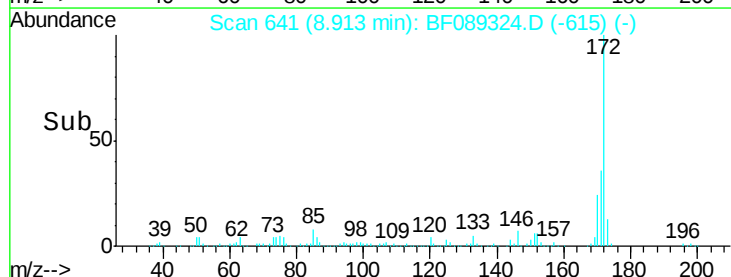


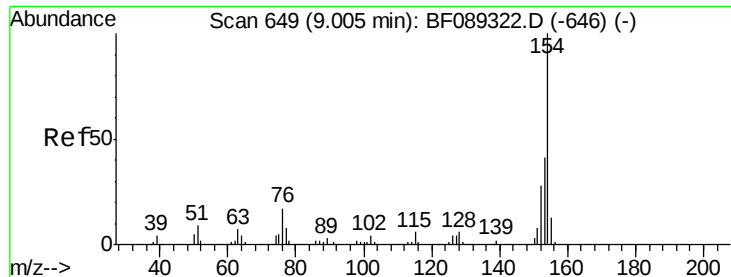
#44
 2-Fluorobiphenyl
 Concen: 104.82 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion	172	Resp	689263
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.2	43.8
170	23.9	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

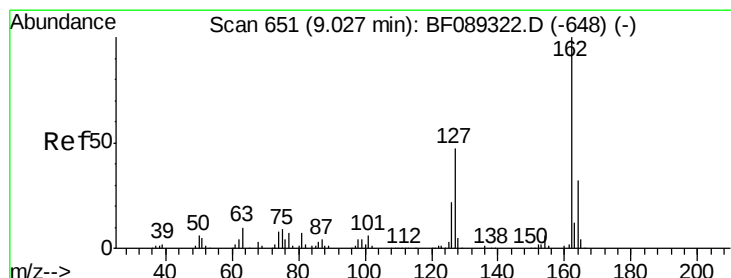
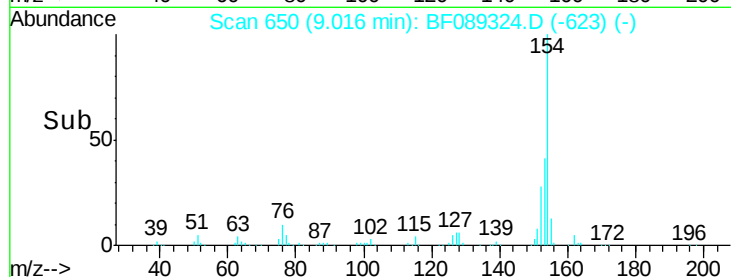
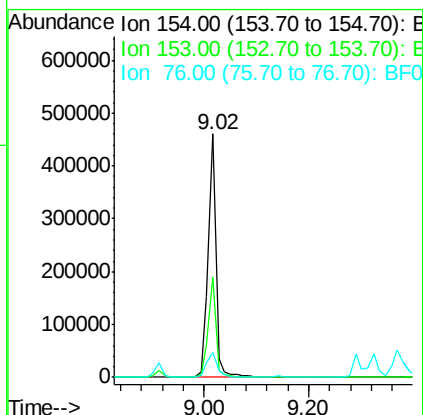
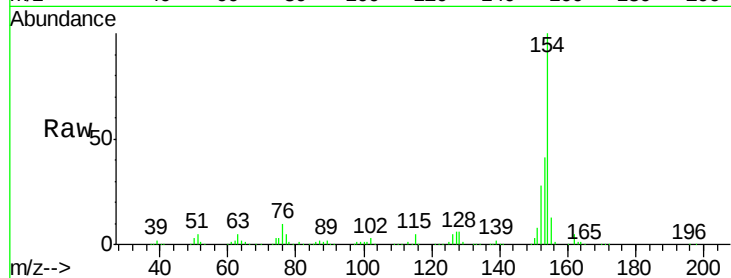




#45
 1,1'-Biphenyl
 Concen: 58.61 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

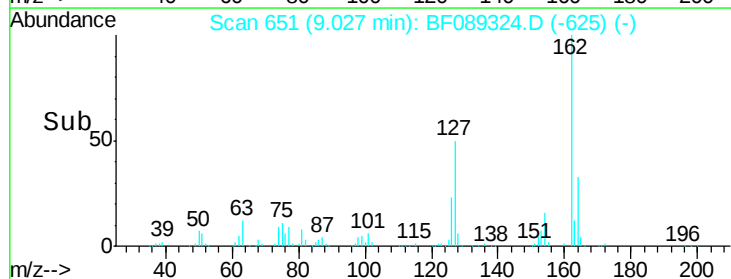
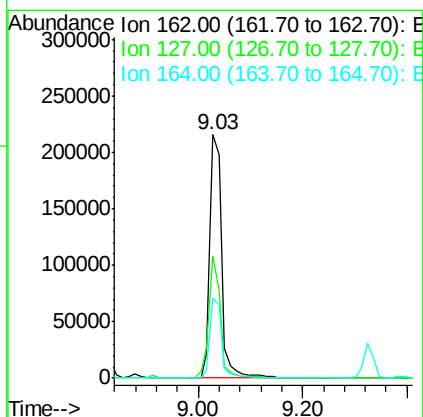
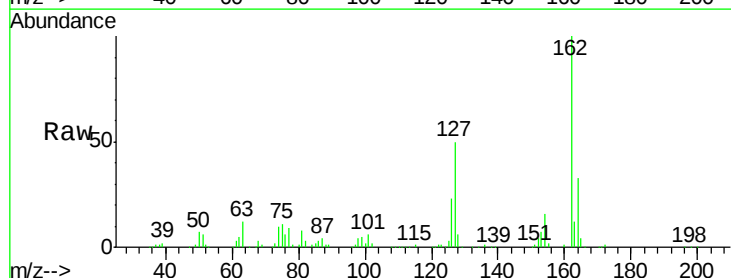
Instrument :
 BNA_F
 ClientSampleId :

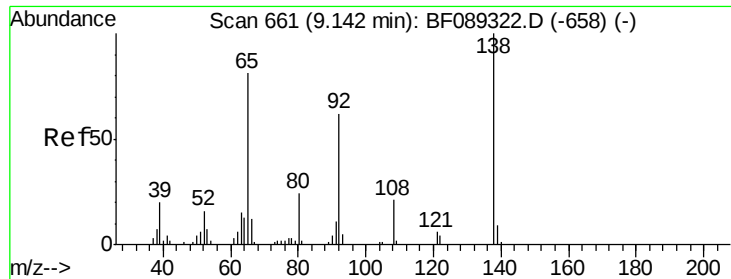
Tot Ion:154 Resp: 480902
 Ion Ratio Lower Upper
 154 100
 153 41.0 21.0 61.0
 76 10.3 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 54.94 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:162 Resp: 342495
 Ion Ratio Lower Upper
 162 100
 127 49.9 37.8 56.8
 164 32.6 25.8 38.8

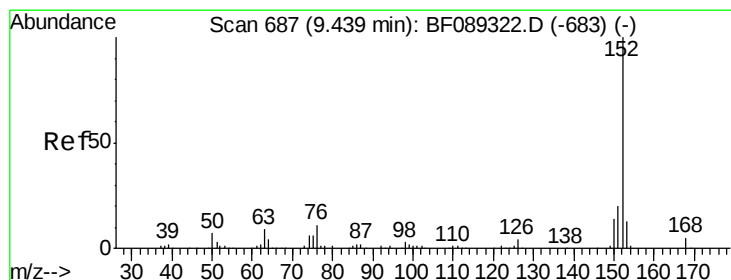
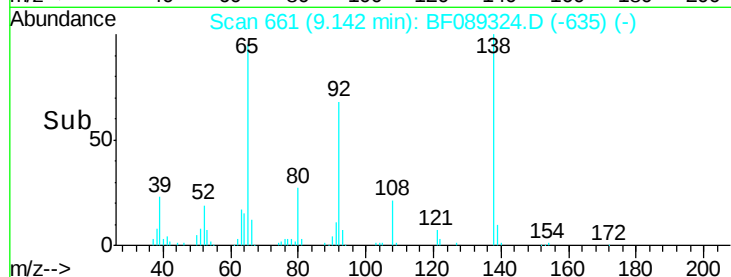
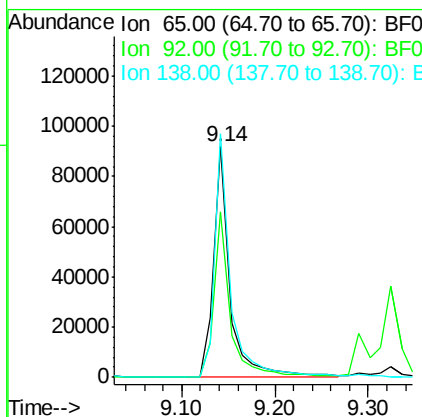
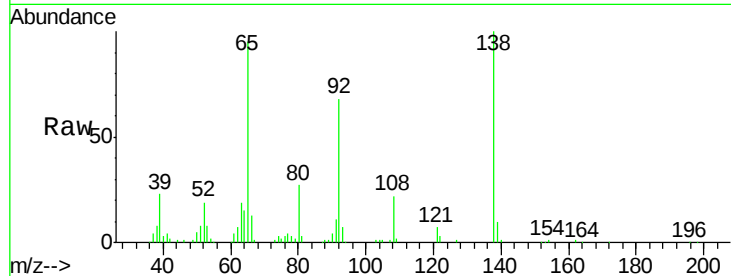




#47
2-Nitroaniline
Concen: 53.78 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

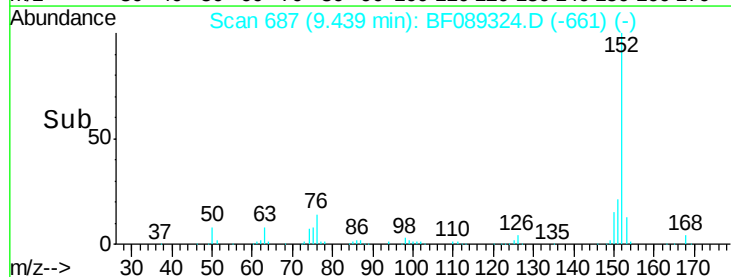
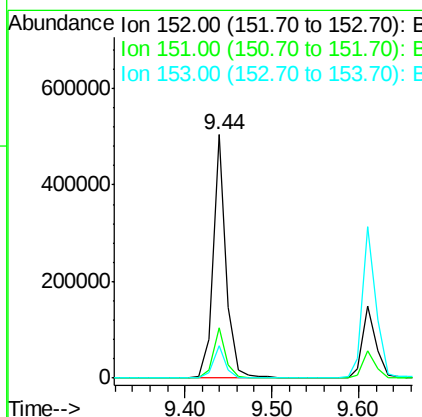
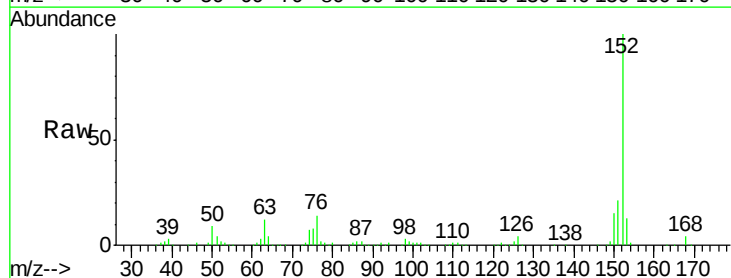
Instrument :
BNA_F
ClientSampleId :

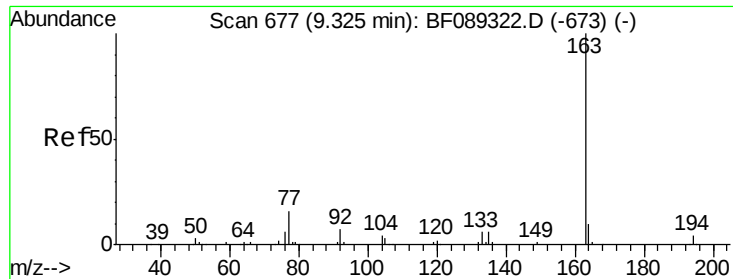
Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	61.0	91.4
138	105.7	99.1	148.7



#48
Acenaphthylene
Concen: 53.75 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.2
153	13.2	10.2	15.4

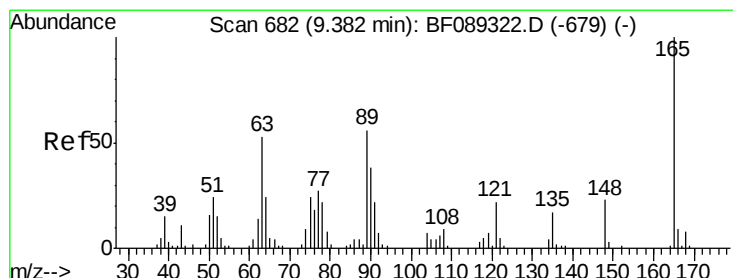
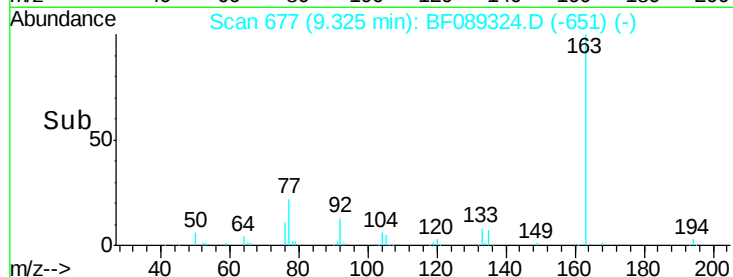
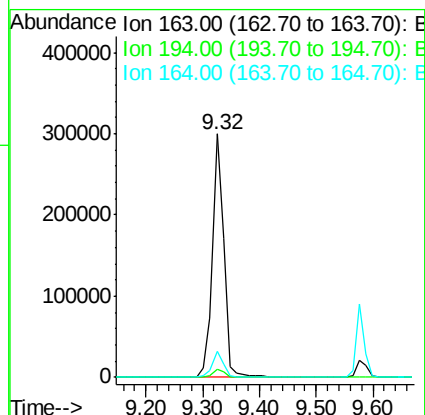
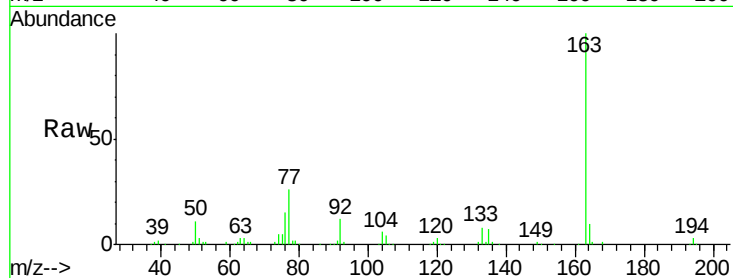




#49
Dimethylphthalate
Concen: 57.77 ng
RT: 9.32 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

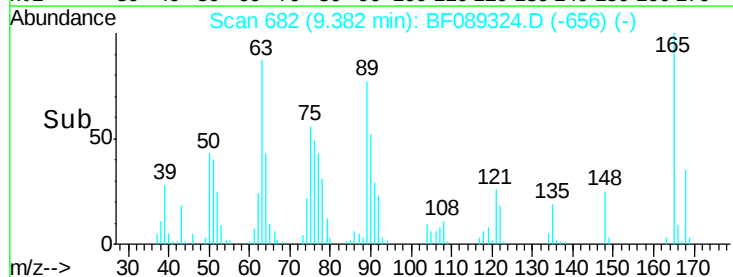
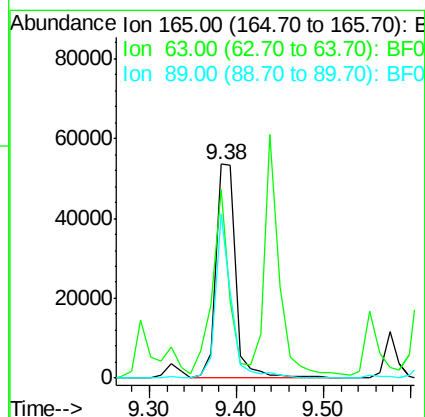
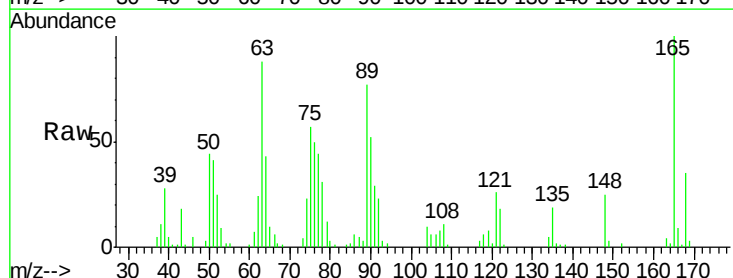
Instrument :
BNA_F
ClientSampleId :

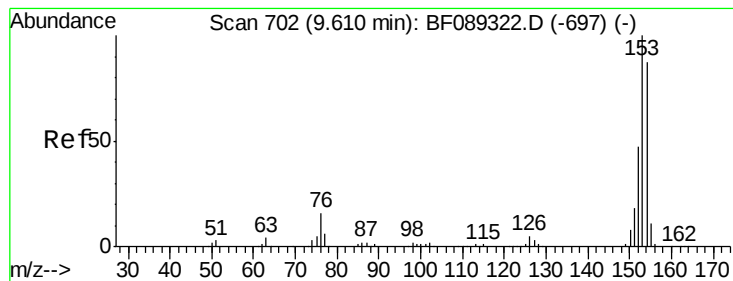
Tot Ion:163 Resp: 403043
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.5 7.8 11.8



#50
2,6-Dinitrotoluene
Concen: 55.34 ng
RT: 9.38 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:165 Resp: 86666
Ion Ratio Lower Upper
165 100
63 88.5 43.5 65.3#
89 76.8 45.0 67.4#





#51

Acenaphthene

Concen: 51.13 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

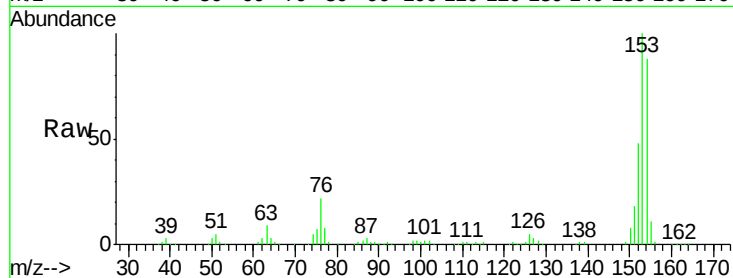
Tot Ion:154 Resp: 296641

Ion Ratio Lower Upper

154 100

153 114.2 91.4 137.2

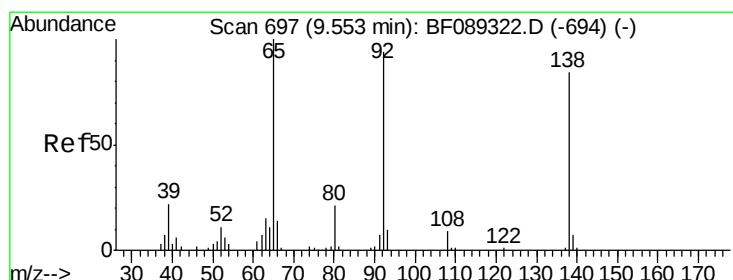
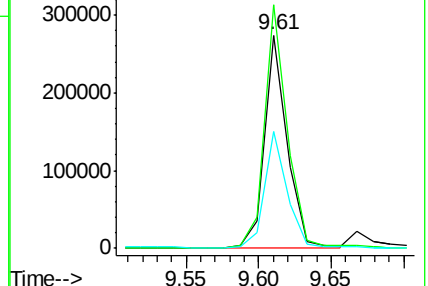
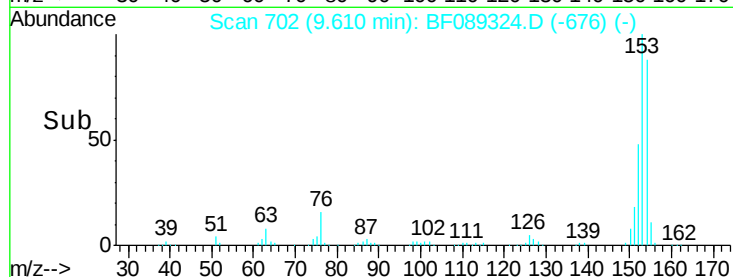
152 54.5 43.8 65.6



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: 51.05 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

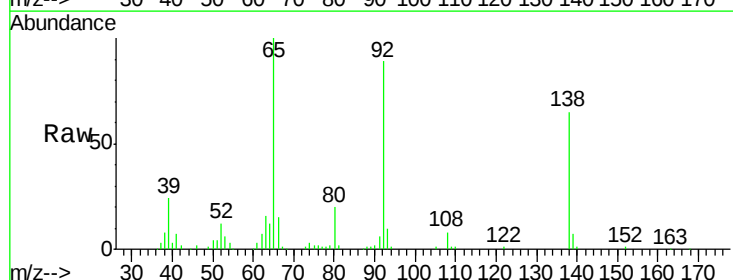
Tgt Ion:138 Resp: 92929

Ion Ratio Lower Upper

138 100

108 12.4 8.6 13.0

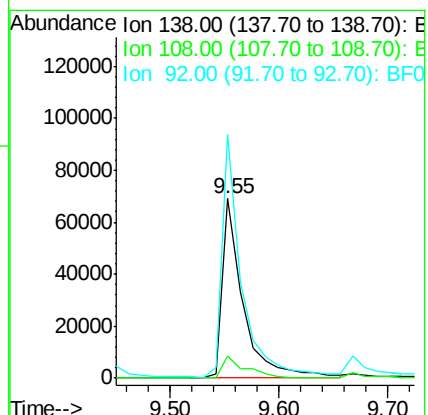
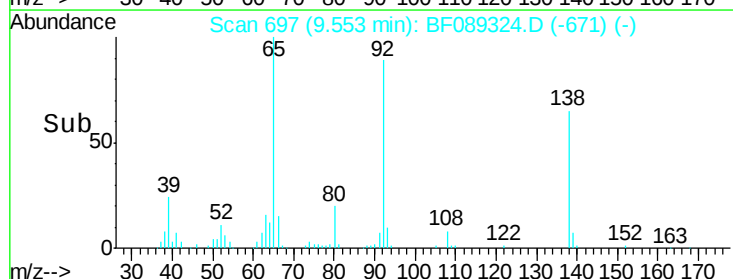
92 135.8 90.0 135.0#

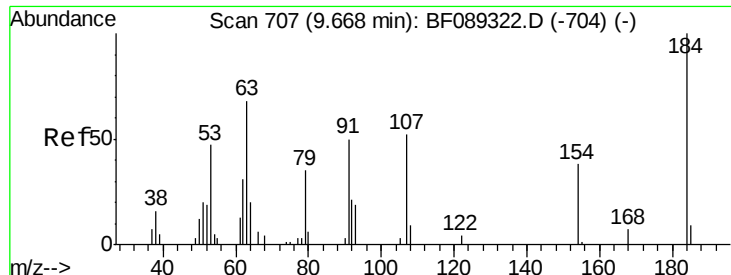


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

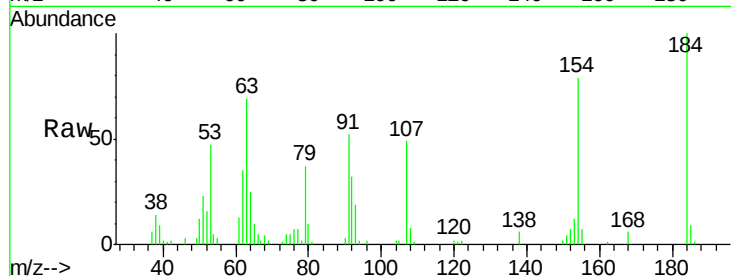




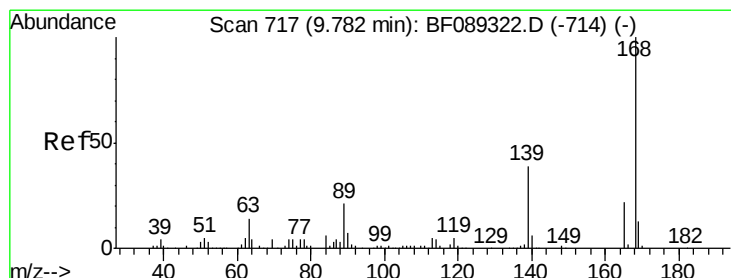
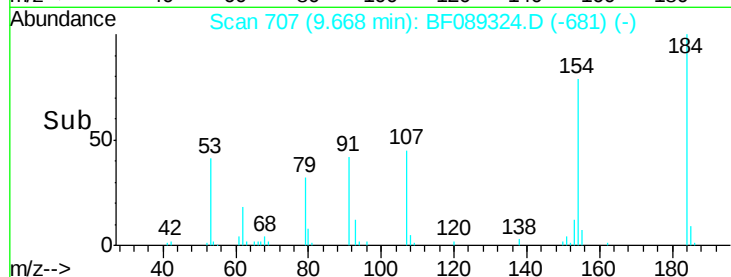
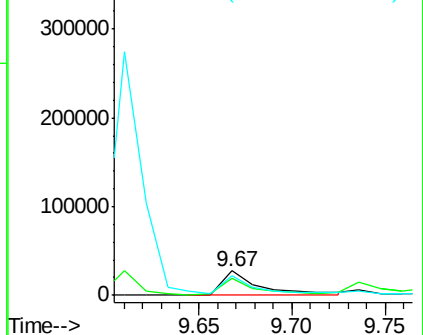
#53
2,4-Dinitrophenol
Concen: 63.93 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 38440
Ion Ratio Lower Upper
184 100
63 68.7 60.6 90.8
154 79.1 69.8 104.8

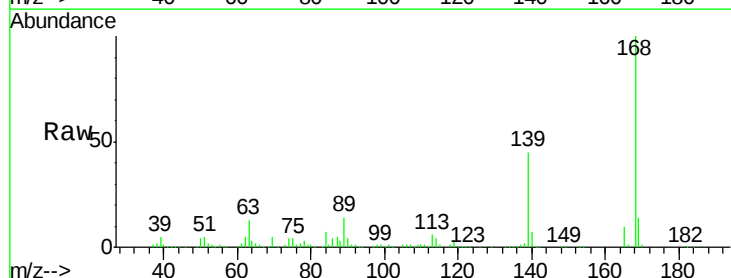


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

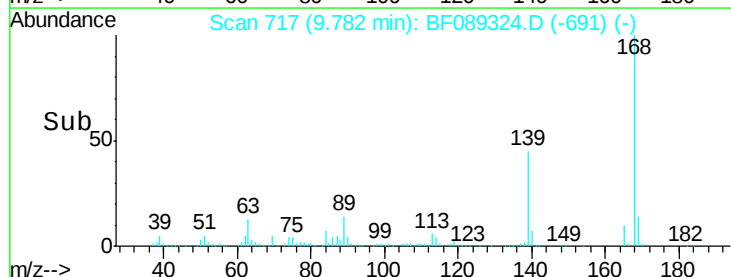
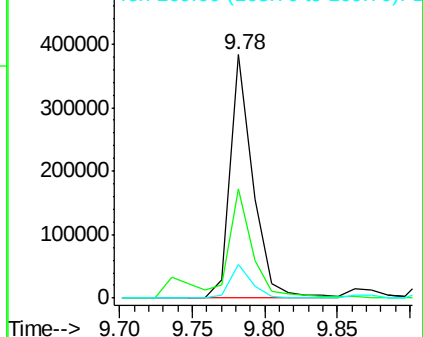


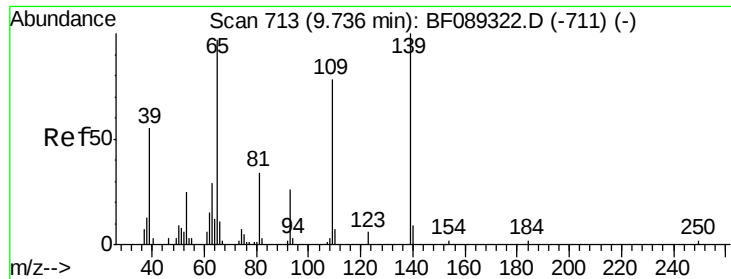
#54
Dibenzofuran
Concen: 53.78 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:168 Resp: 420352
Ion Ratio Lower Upper
168 100
139 45.1 33.7 50.5
169 13.7 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

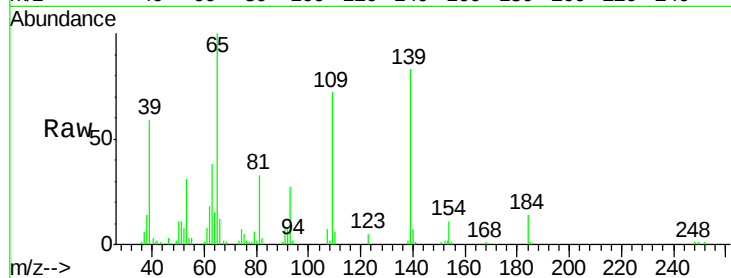




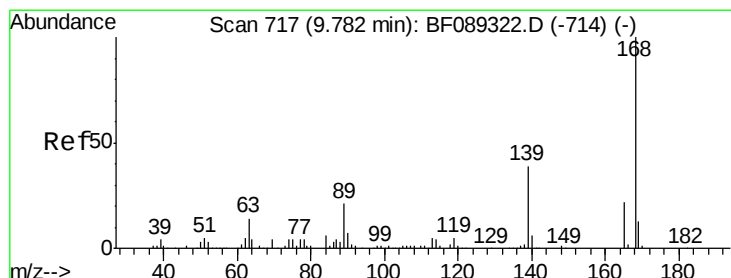
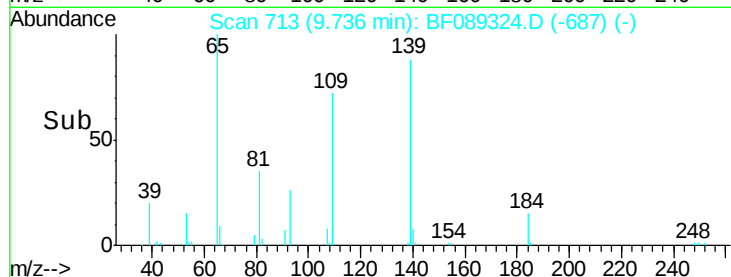
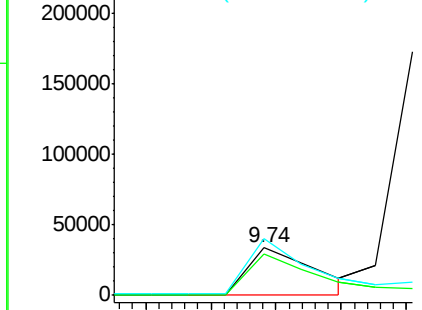
#55
4-Nitrophenol
Concen: 45.21 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 47577
Ion Ratio Lower Upper
139 100
109 86.2 57.8 97.8
65 120.1 81.7 121.7

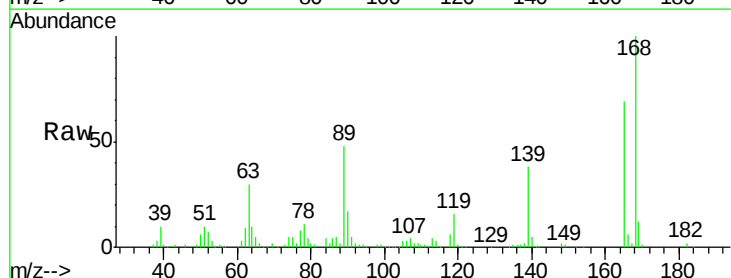


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

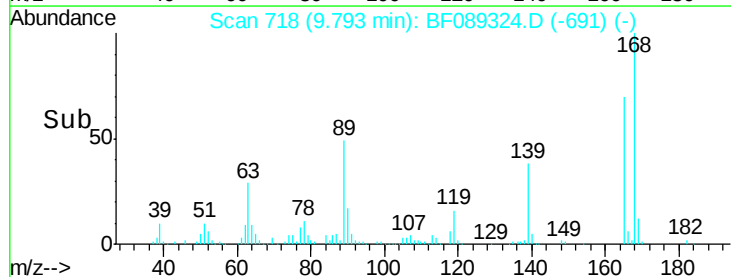
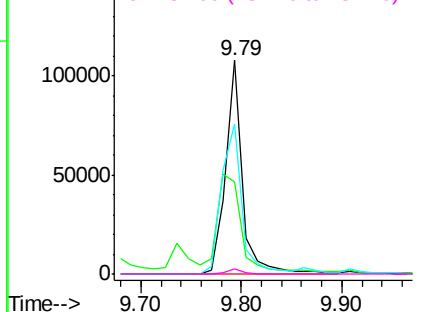


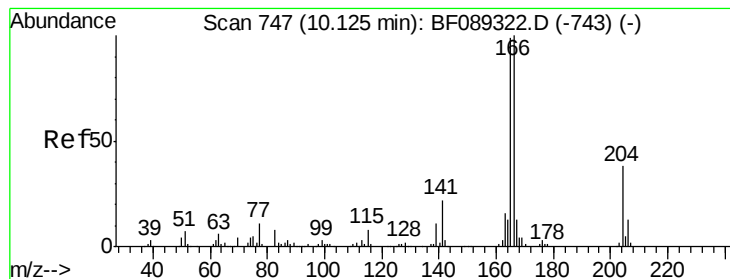
#56
2,4-Dinitrotoluene
Concen: 61.66 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:165 Resp: 125313
Ion Ratio Lower Upper
165 100
63 43.2 58.2 87.2#
89 70.0 79.1 118.7#
182 2.5 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 56.44 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampled :

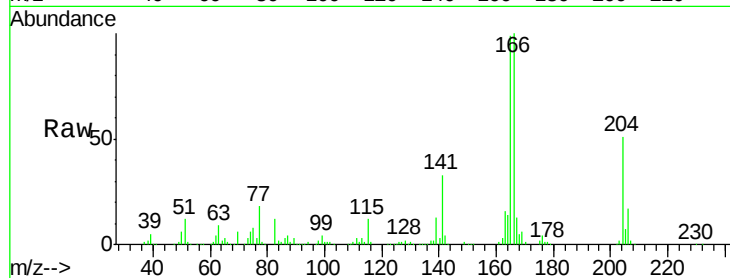
Tot Ion:166 Resp: 369914

Ion Ratio Lower Upper

166 100

165 99.0 79.0 118.4

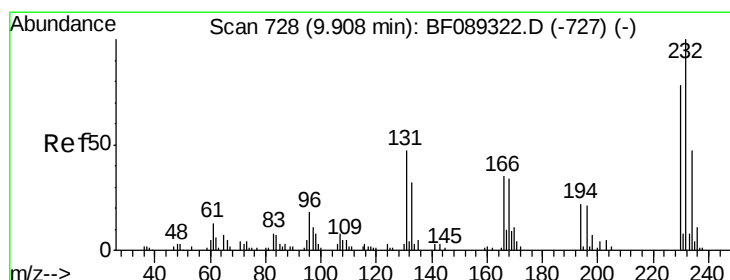
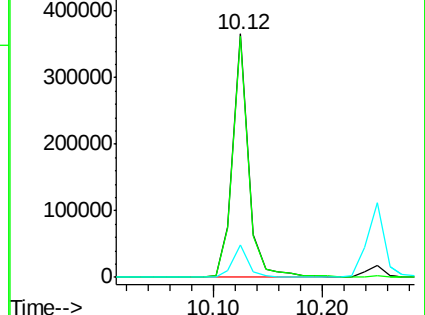
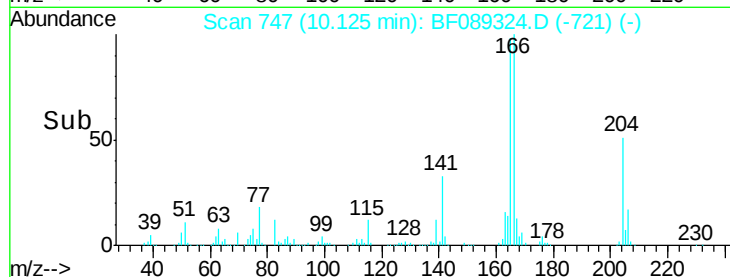
167 13.4 10.2 15.2



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: 60.17 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Tgt Ion:232 Resp: 82042

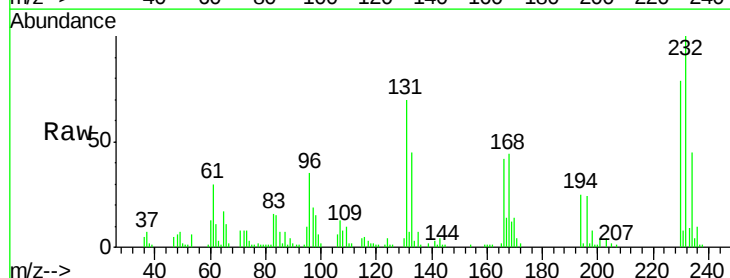
Ion Ratio Lower Upper

232 100

131 56.4 42.7 64.1

130 2.7 1.7 2.5#

166 32.8 25.7 38.5

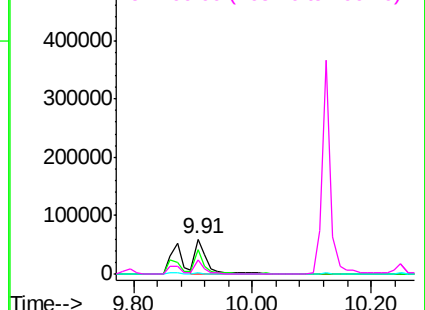
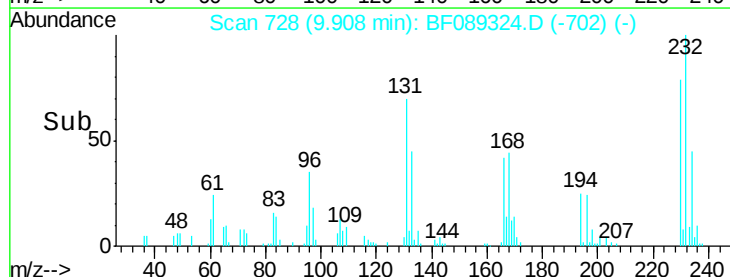


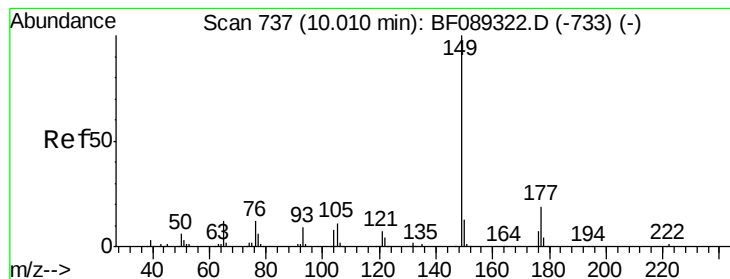
Abundance Ion 232.00 (231.70 to 232.70): E

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: 64.77 ng

RT: 10.02 min Scan# 738

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

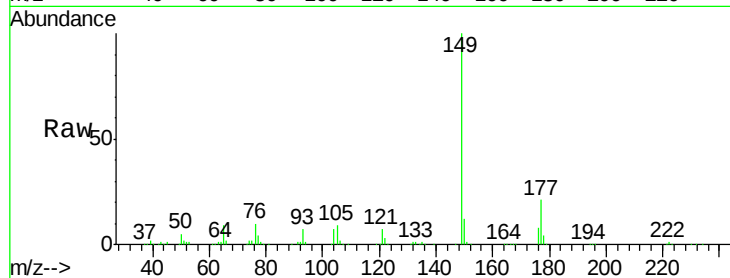
Tot Ion:149 Resp: 450474

Ion Ratio Lower Upper

149 100

177 21.1 15.1 22.7

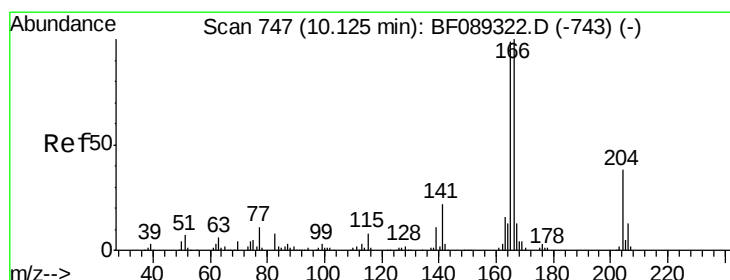
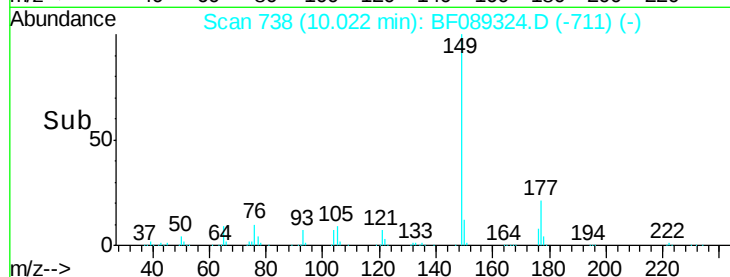
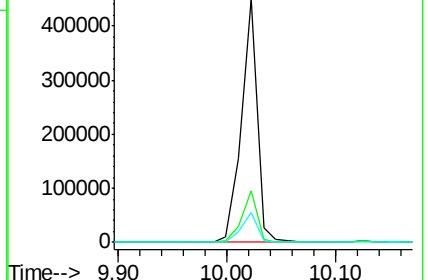
150 12.3 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 60.03 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

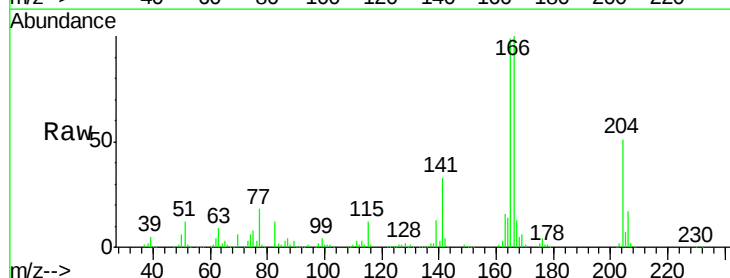
Tgt Ion:204 Resp: 181851

Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

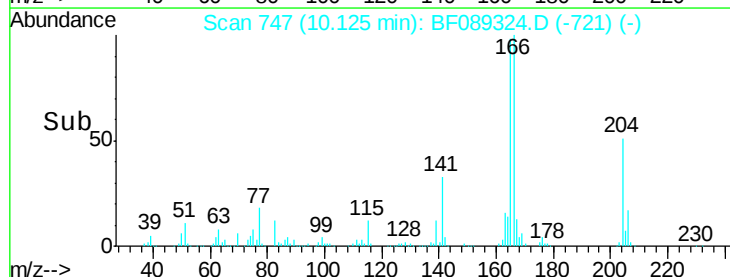
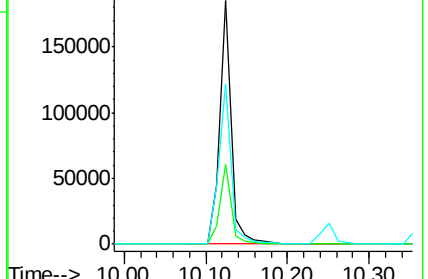
141 65.7 46.6 70.0

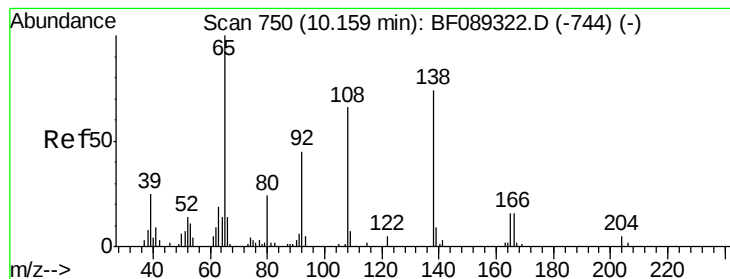


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 51.40 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

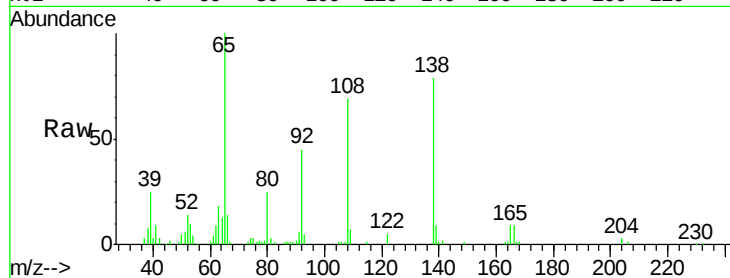
Tot Ion:138 Resp: 92887

Ion Ratio Lower Upper

138 100

92 57.2 41.2 81.2

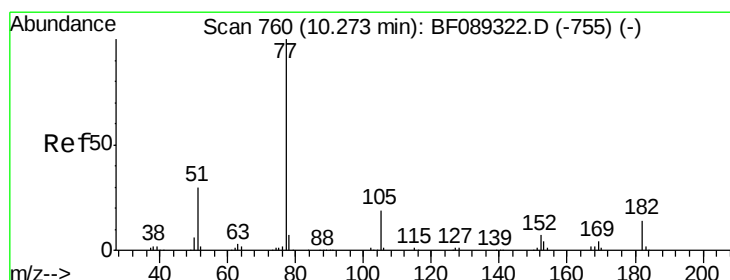
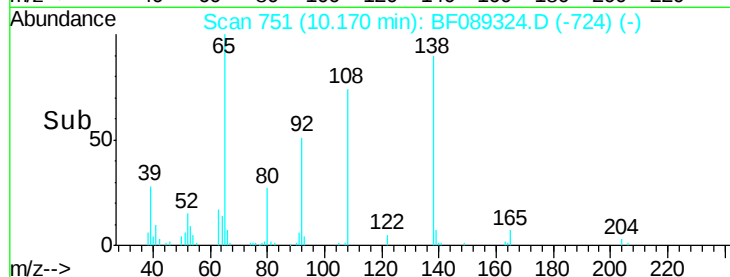
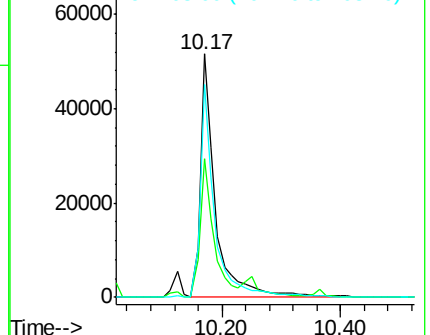
108 87.4 69.6 109.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 57.52 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Tgt Ion: 77 Resp: 434075

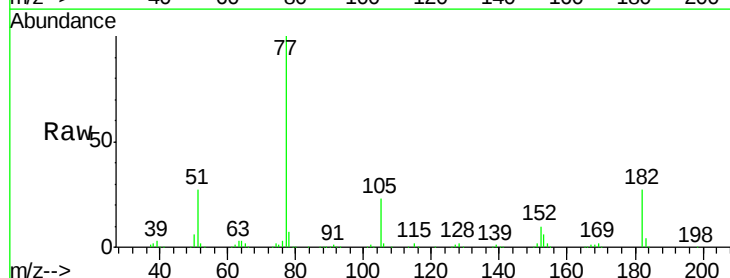
Ion Ratio Lower Upper

77 100

182 27.2 0.0 33.8

105 23.2 0.0 39.8

51 26.5 11.0 51.0

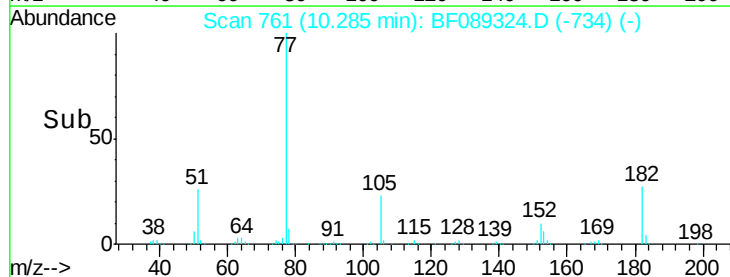
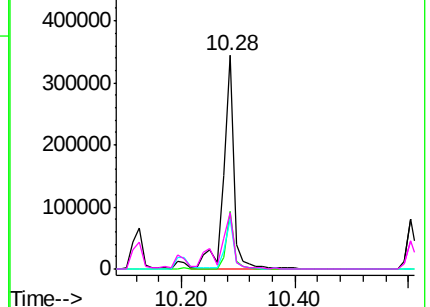


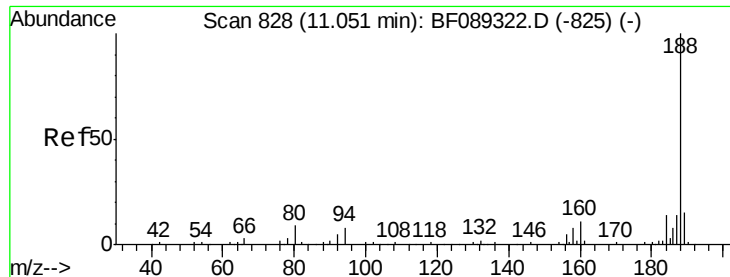
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

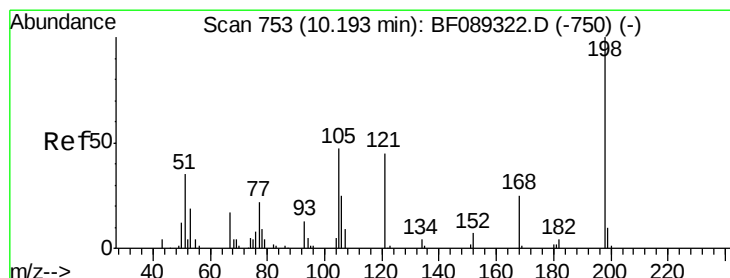
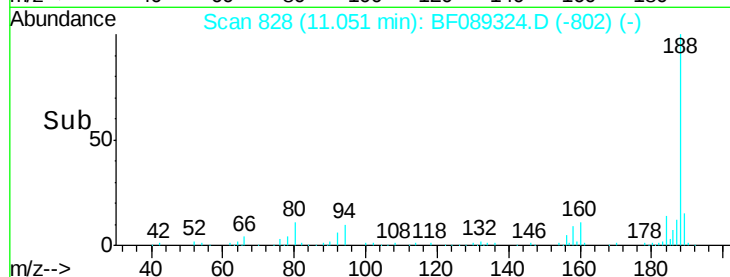
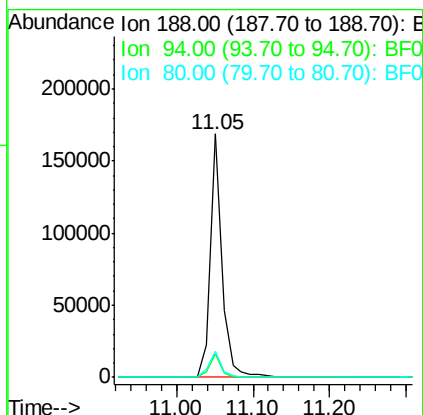
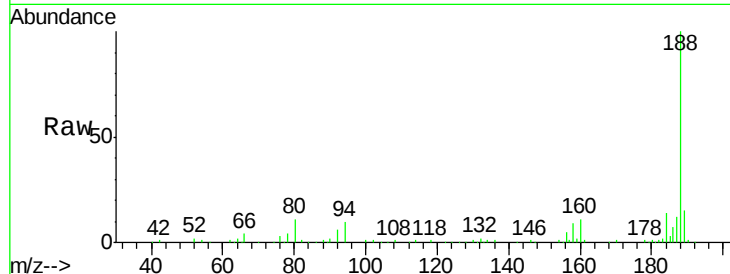




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.05 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

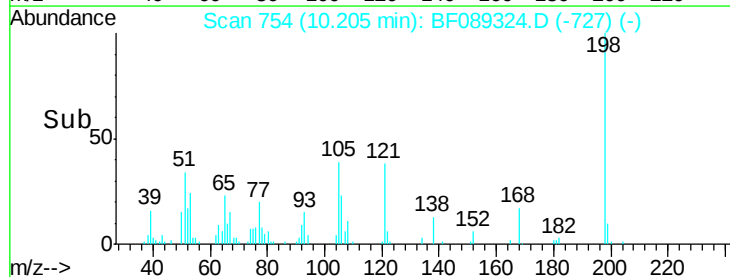
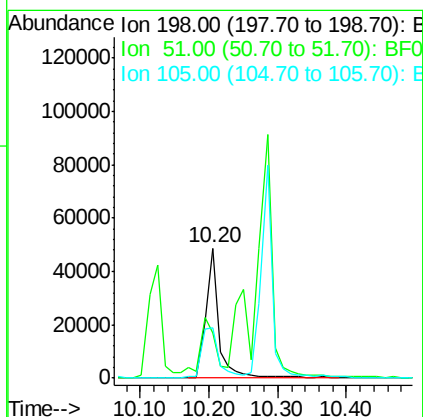
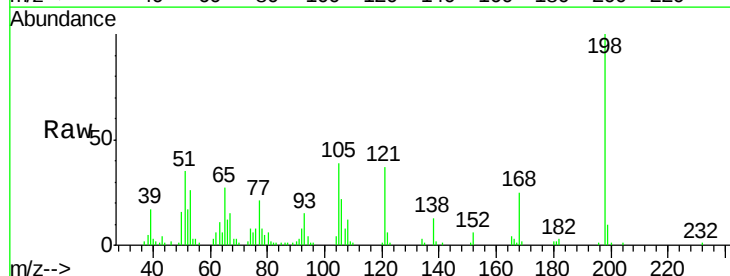
Instrument :
 BNA_F
 ClientSampleId :

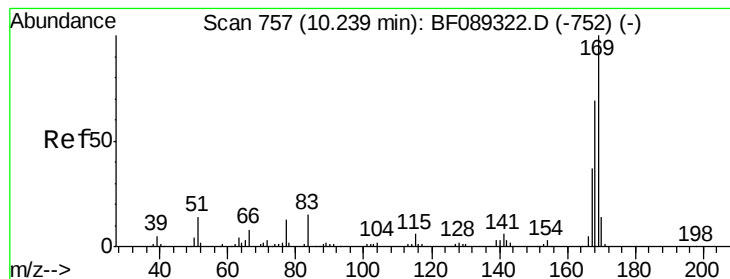
Tot Ion:188 Resp: 177295
 Ion Ratio Lower Upper
 188 100
 94 9.6 6.5 9.7
 80 10.7 7.2 10.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 63.42 ng
 RT: 10.20 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:198 Resp: 64529
 Ion Ratio Lower Upper
 198 100
 51 34.5 23.0 63.0
 105 38.9 28.3 68.3





#65

n-Nitrosodiphenylamine

Concen: 57.92 ng

RT: 10.25 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

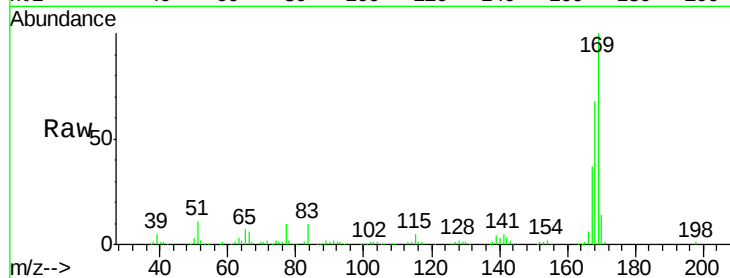
Tot Ion:169 Resp: 342774

Ion Ratio Lower Upper

169 100

168 68.2 55.4 83.0

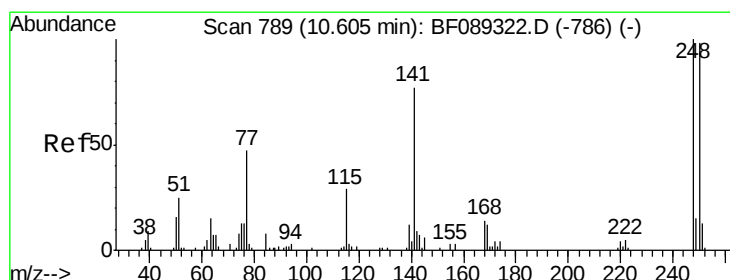
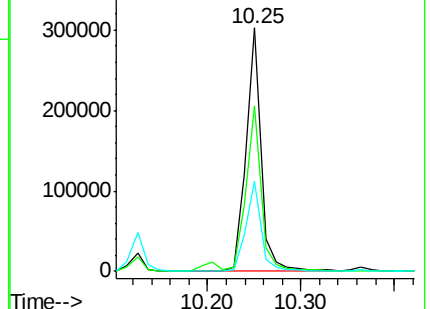
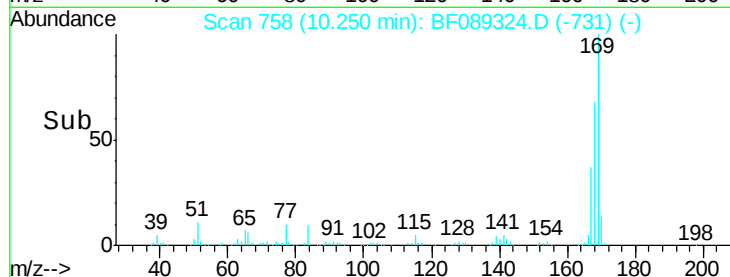
167 37.1 29.7 44.5



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: 57.95 ng

RT: 10.60 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

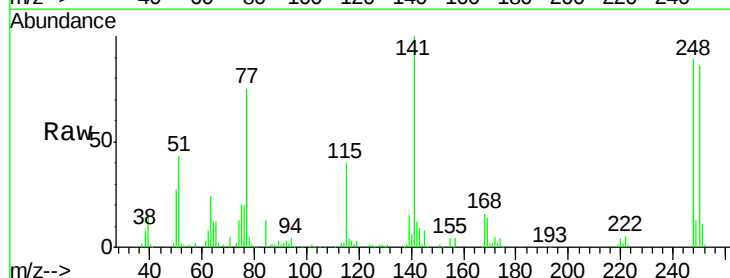
Tgt Ion:248 Resp: 101830

Ion Ratio Lower Upper

248 100

250 95.8 78.2 117.2

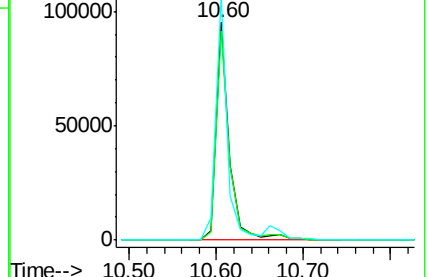
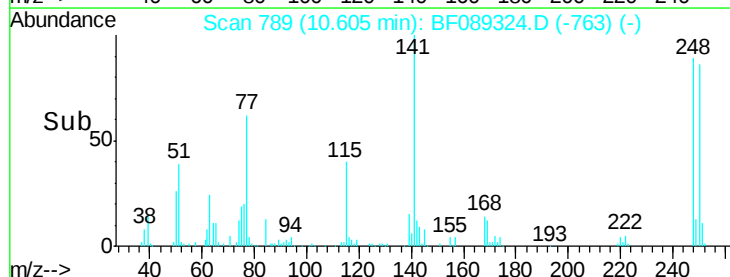
141 111.8 62.0 93.0#

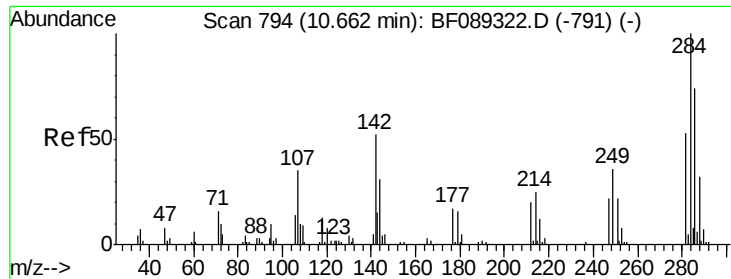


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

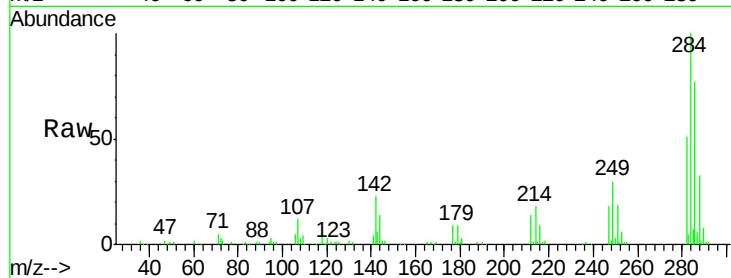




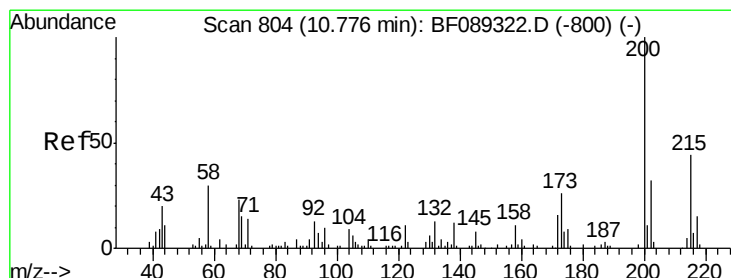
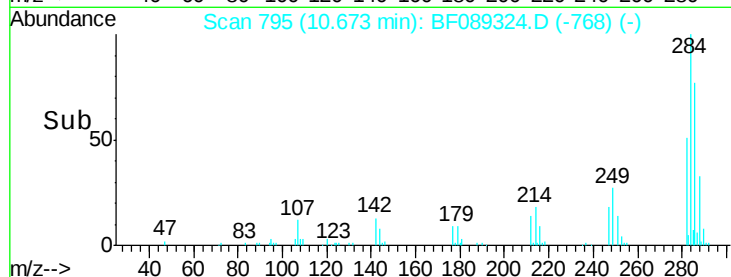
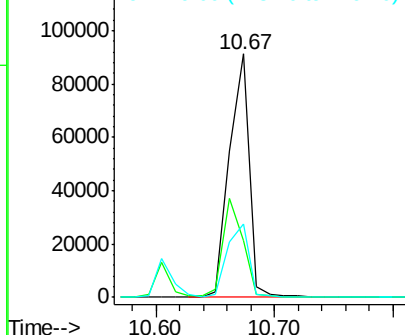
#67
Hexachlorobenzene
Concen: 56.88 ng
RT: 10.67 min Scan# 795
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	23.2	42.2	63.4#
249	30.0	29.4	44.0

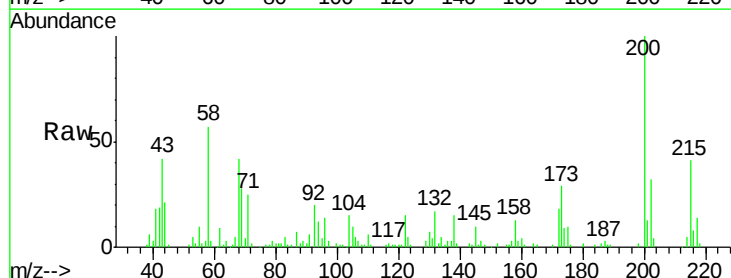


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

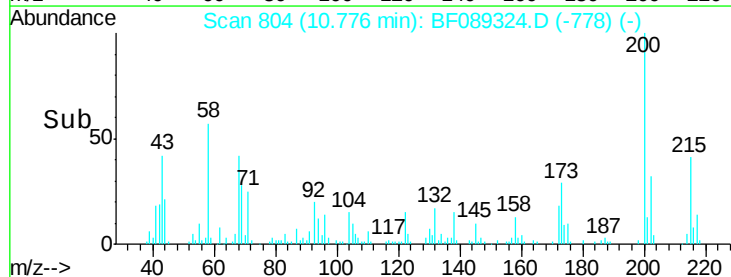
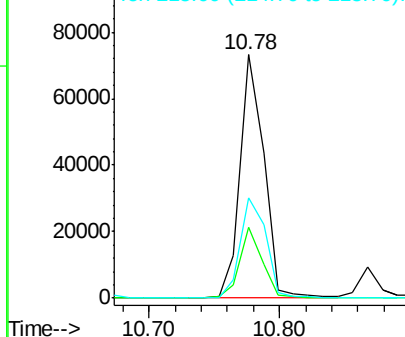


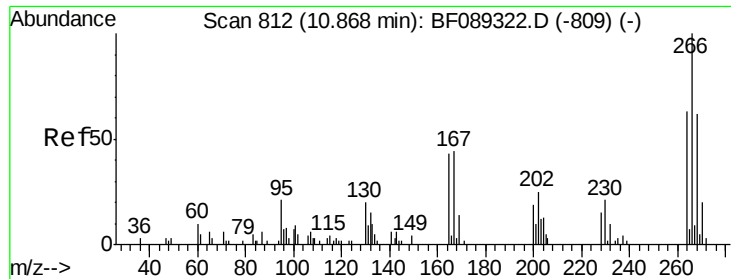
#68
Atrazine
Concen: 50.63 ng
RT: 10.78 min Scan# 804
Delta R.T. -0.00 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	6.0	46.0
215	41.4	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

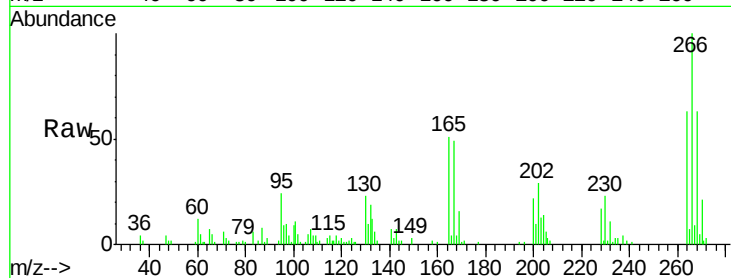




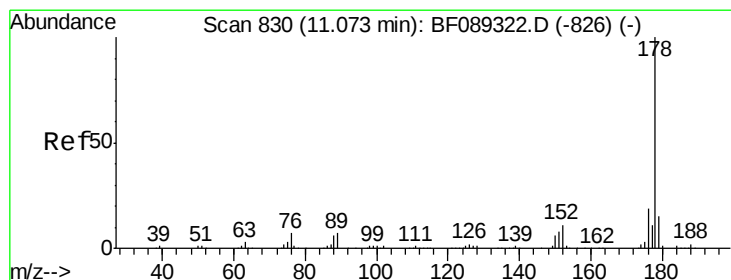
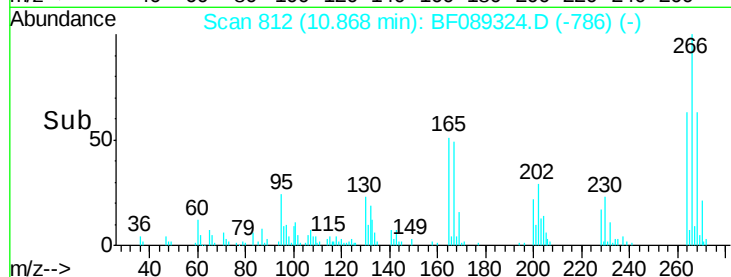
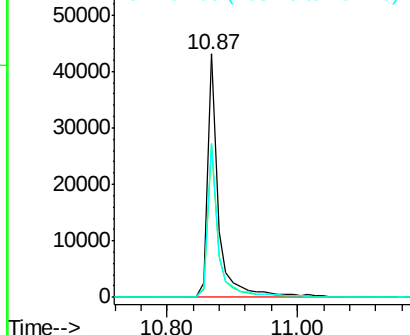
#69
 Pentachlorophenol
 Concen: 59.94 ng
 RT: 10.87 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 50080
 Ion Ratio Lower Upper
 266 100
 268 62.6 49.4 74.2
 264 63.2 50.2 75.2

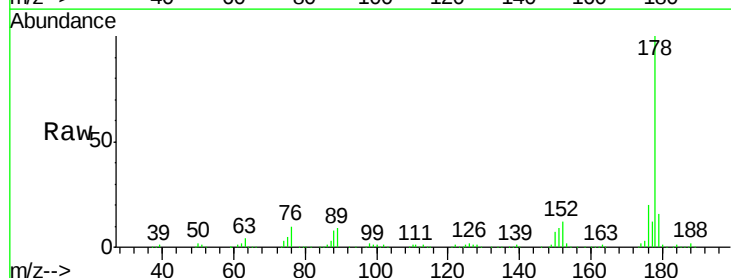


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

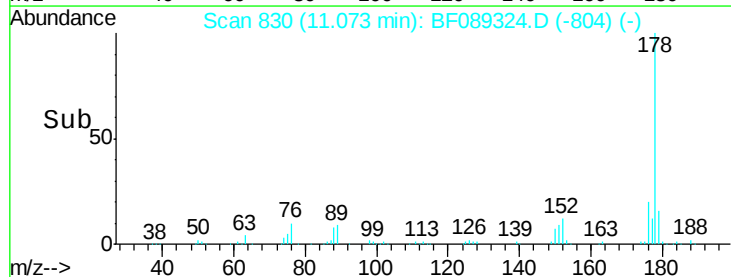
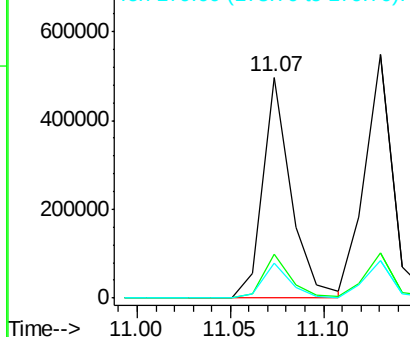


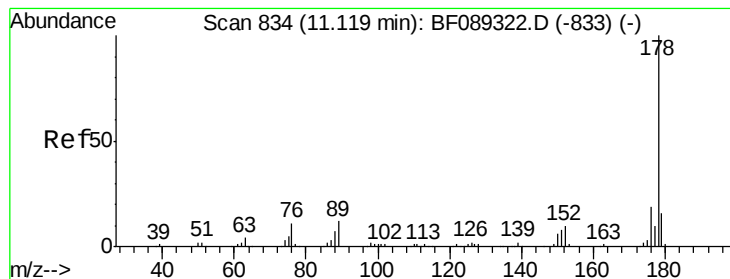
#70
 Phenanthrene
 Concen: 53.25 ng
 RT: 11.07 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:178 Resp: 520626
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.5 23.3
 179 15.7 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: 59.72 ng

RT: 11.13 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

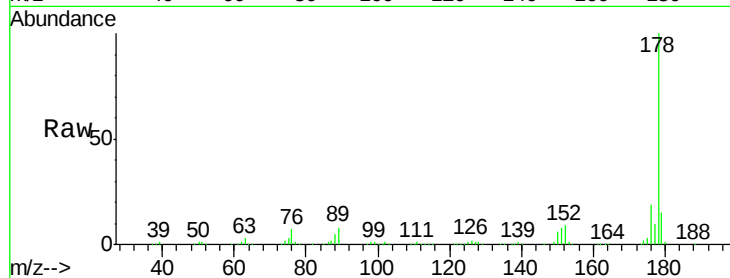
Tot Ion:178 Resp: 599551

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

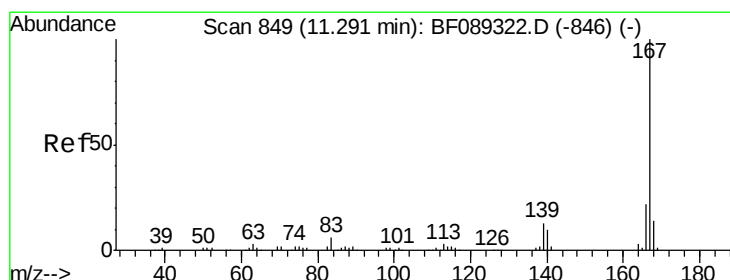
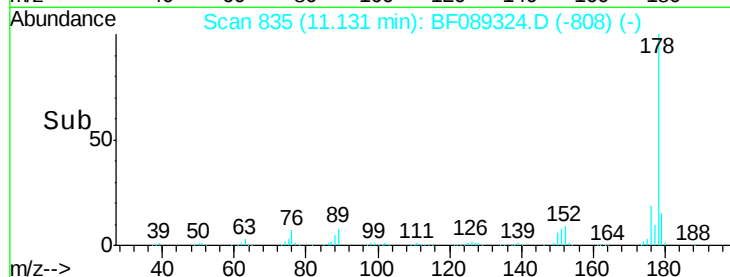
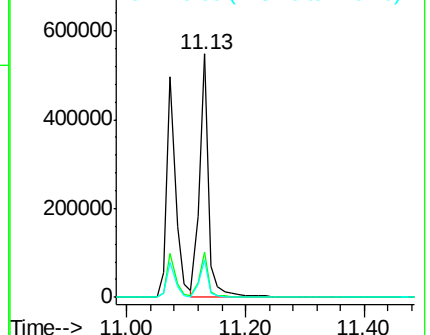
179 15.3 12.6 18.8



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: 60.64 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

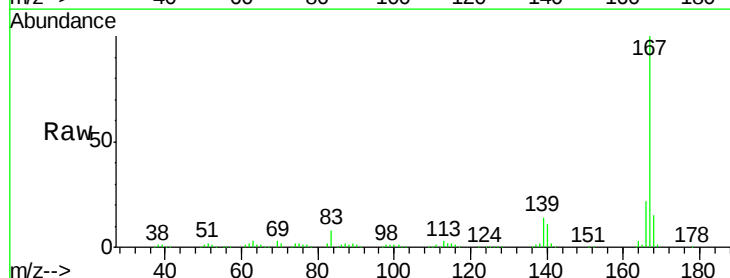
Tgt Ion:167 Resp: 528615

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

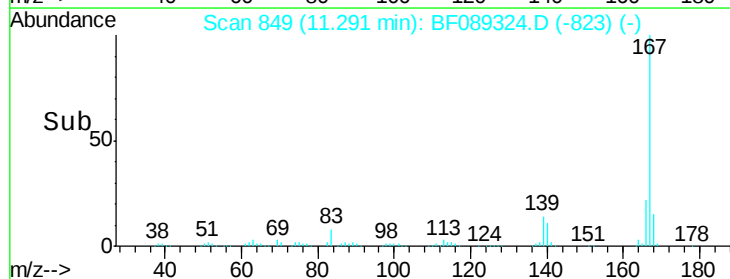
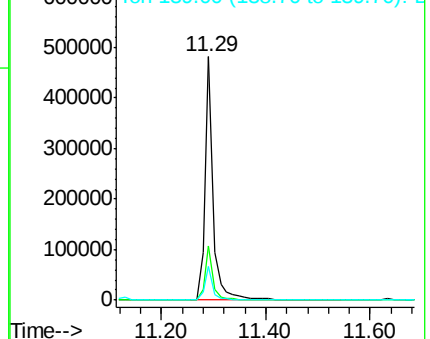
139 13.9 10.1 15.1

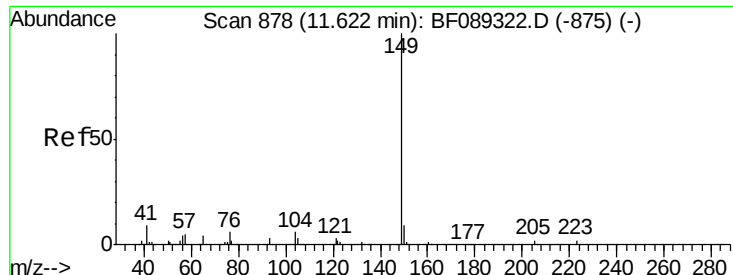


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 63.34 ng

RT: 11.63 min Scan# 879

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

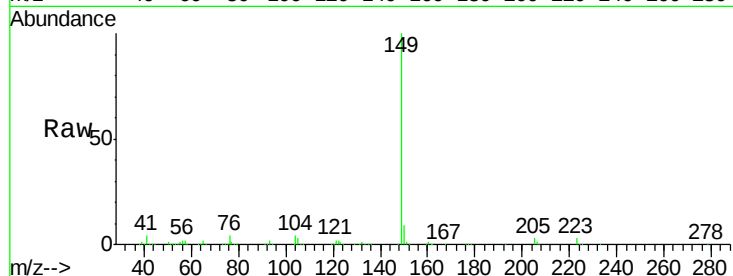
Tot Ion:149 Resp: 702493

Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.0

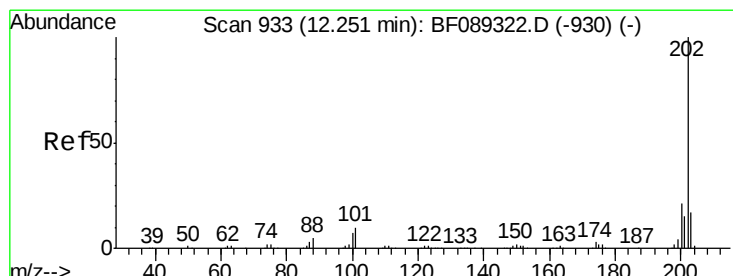
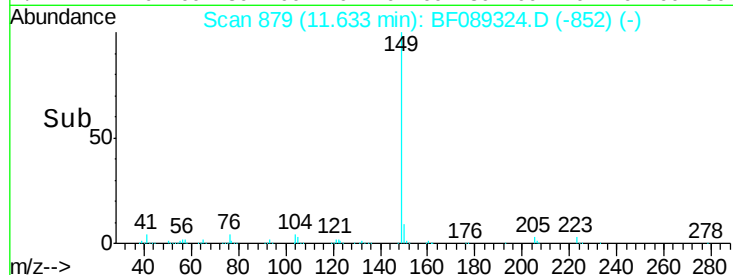
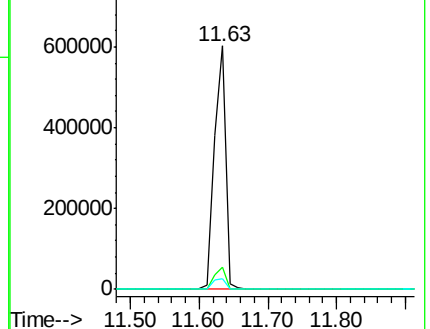
104 4.4 4.7 7.1#



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: 53.56 ng

RT: 12.25 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

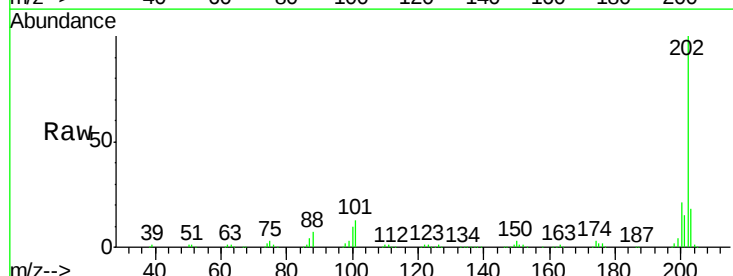
Tgt Ion:202 Resp: 551576

Ion Ratio Lower Upper

202 100

101 13.5 0.0 29.9

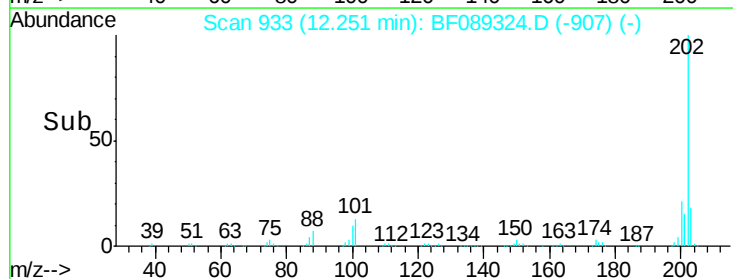
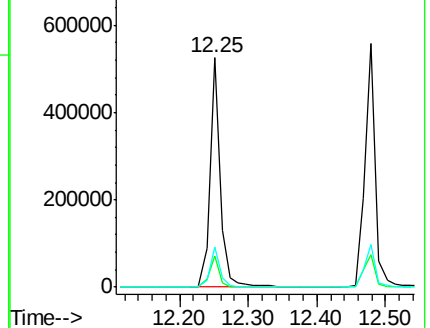
203 17.5 0.0 37.3

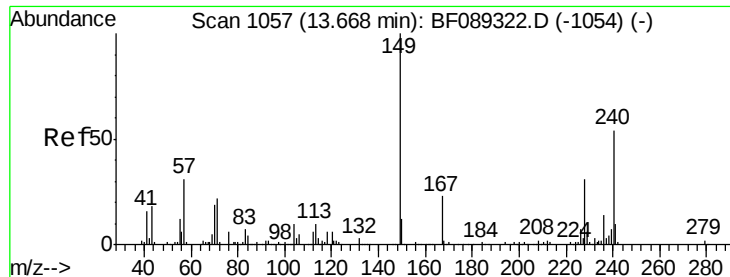


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

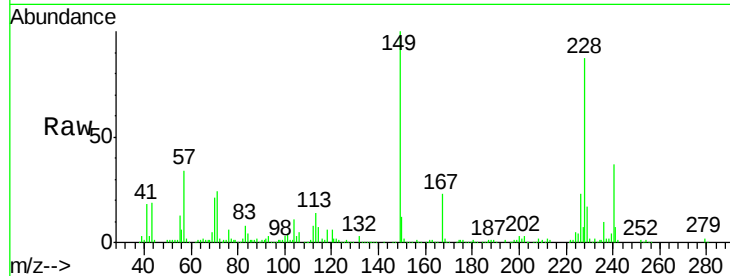
Tot Ion:240 Resp: 123990

Ion Ratio Lower Upper

240 100

120 16.9 9.1 13.7#

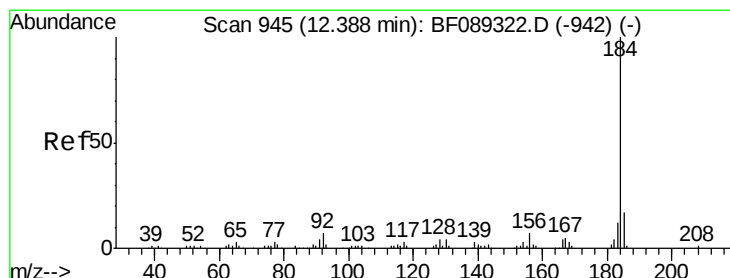
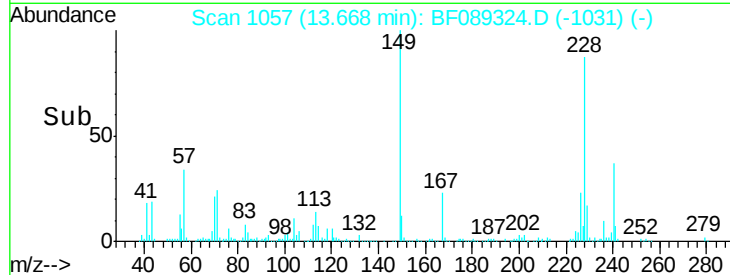
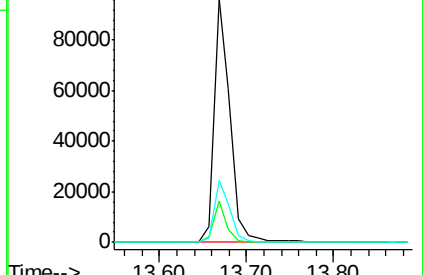
236 25.4 20.6 30.8



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: 65.97 ng

RT: 12.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

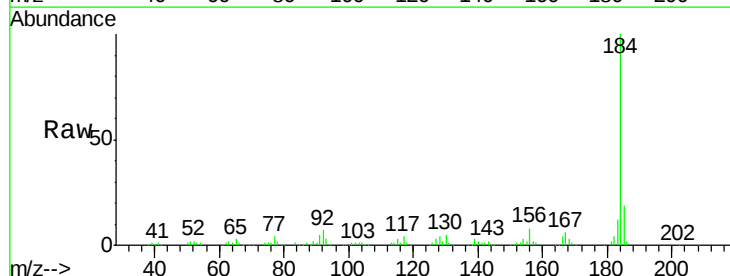
Tgt Ion:184 Resp: 283239

Ion Ratio Lower Upper

184 100

185 18.7 13.5 20.3

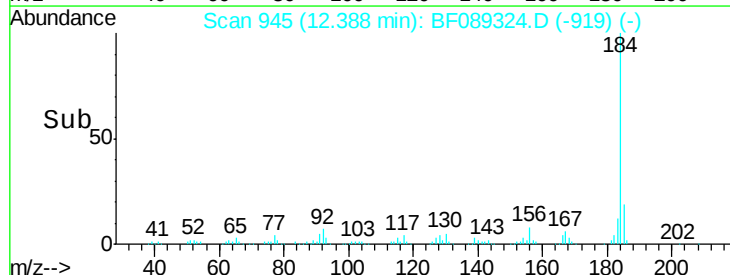
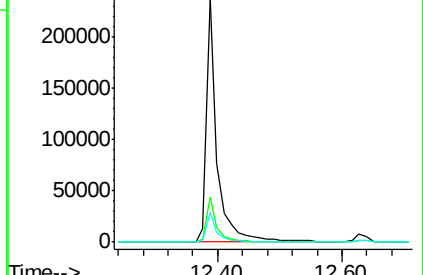
183 12.4 9.8 14.6

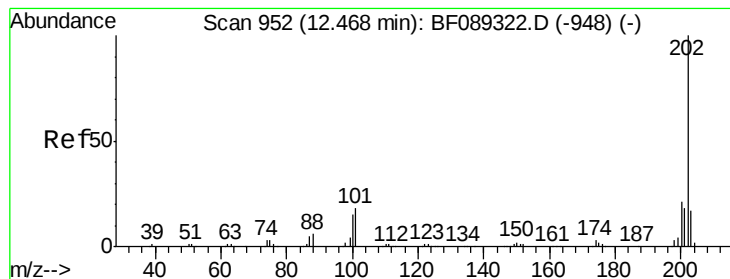


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 58.83 ng

RT: 12.48 min Scan# 953

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

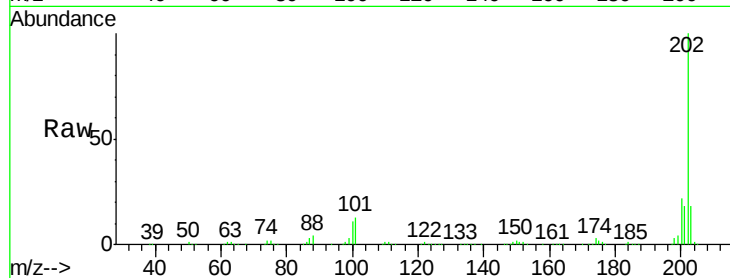
Tot Ion:202 Resp: 589246

Ion Ratio Lower Upper

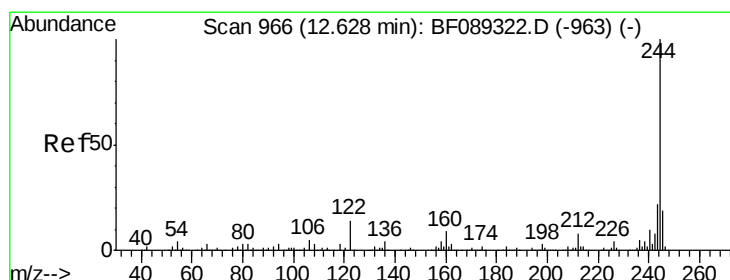
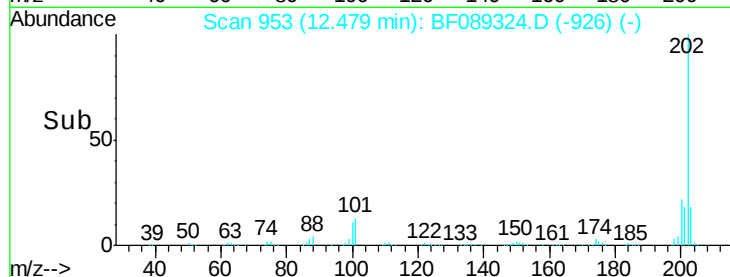
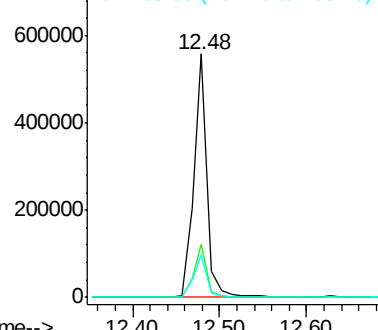
202 100

200 21.6 16.9 25.3

203 17.6 14.0 21.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 114.42 ng

RT: 12.64 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

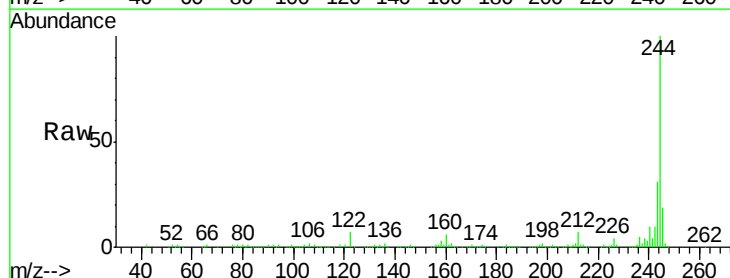
Tgt Ion:244 Resp: 652011

Ion Ratio Lower Upper

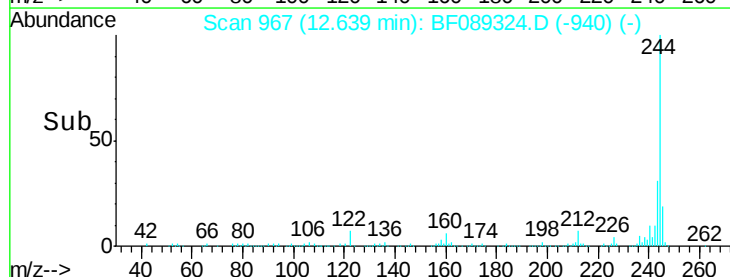
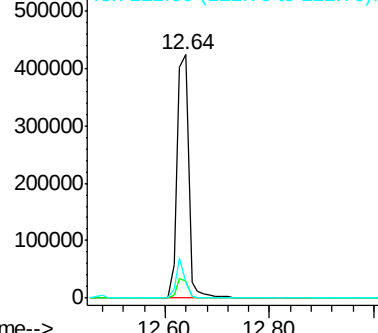
244 100

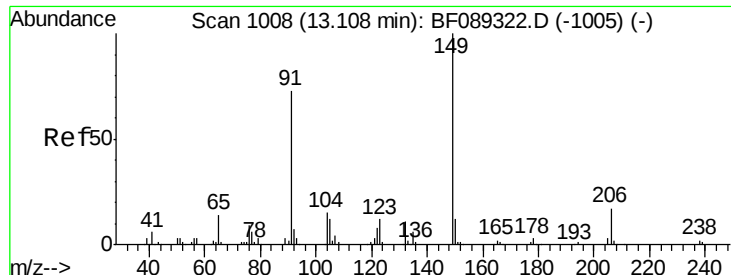
212 6.9 6.5 9.7

122 6.6 11.4 17.0#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 59.72 ng

RT: 13.11 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

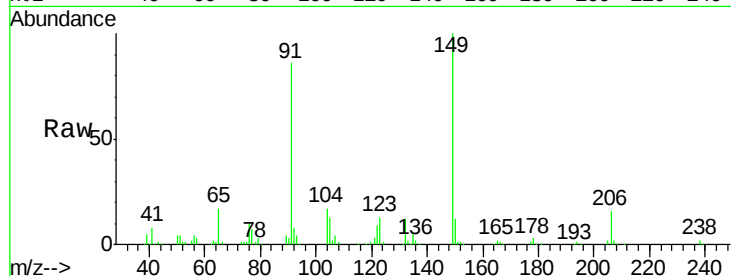
Tot Ion:149 Resp: 259145

Ion Ratio Lower Upper

149 100

91 85.8 58.5 87.7

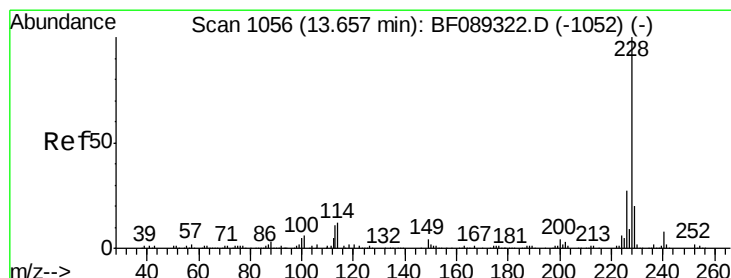
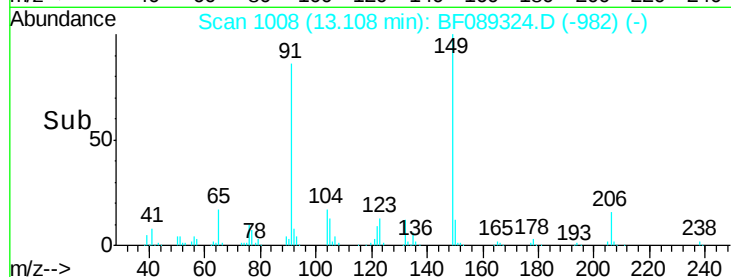
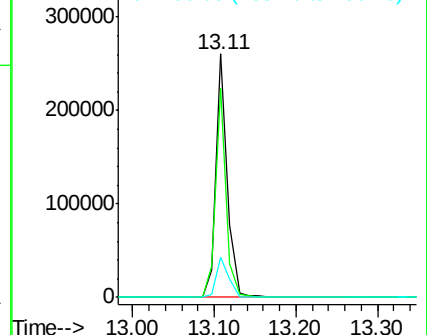
206 16.3 13.8 20.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 55.15 ng

RT: 13.66 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

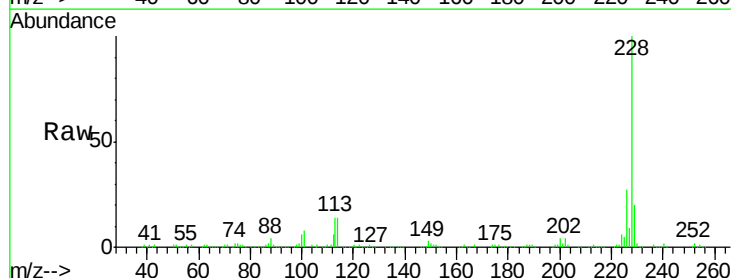
Tgt Ion:228 Resp: 430214

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

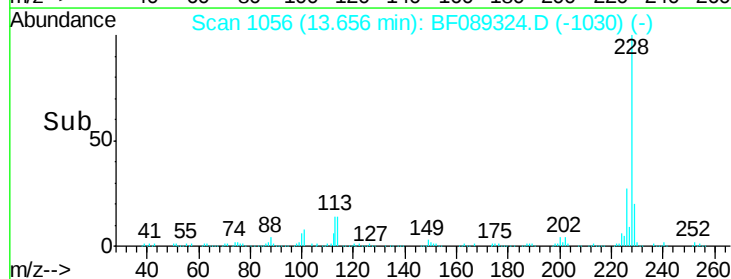
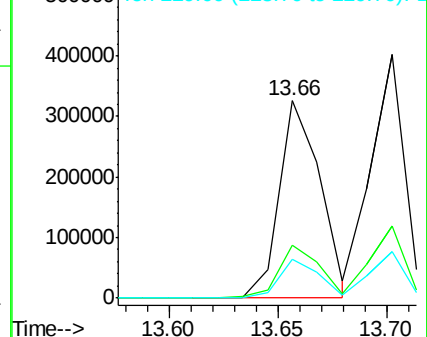
229 19.8 15.9 23.9

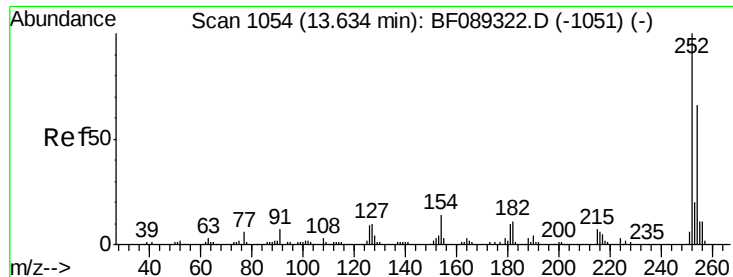


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

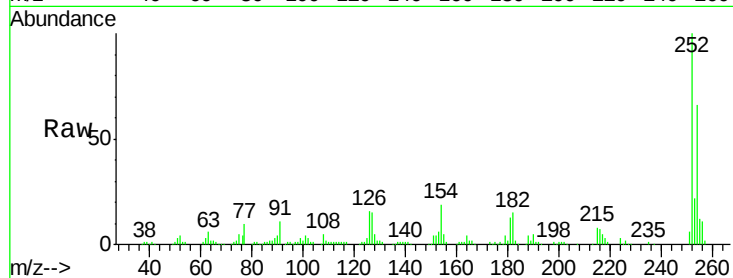




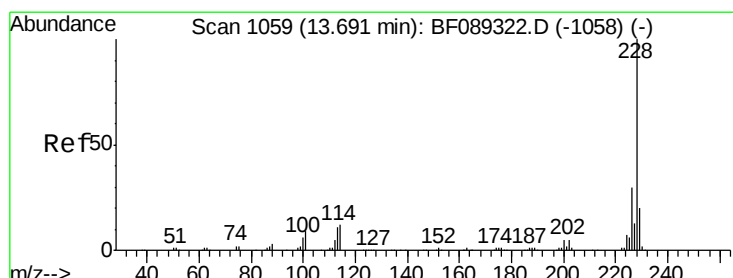
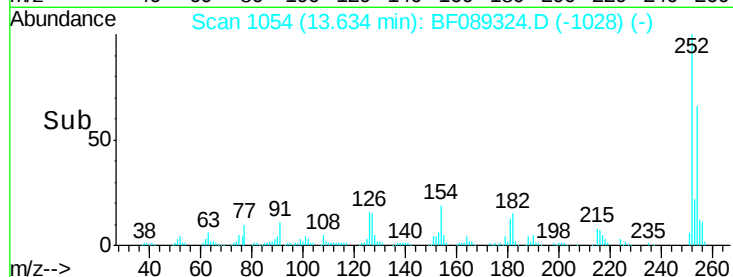
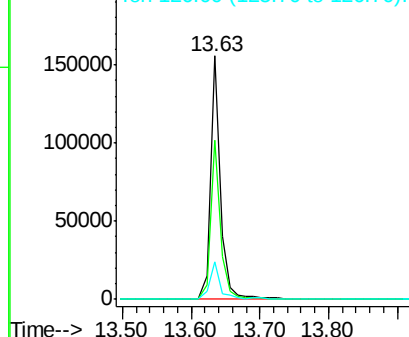
#81
 3,3'-Dichlorobenzidine
 Concen: 61.87 ng
 RT: 13.63 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 158463
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.5 78.7
 126 15.6 7.4 11.2#

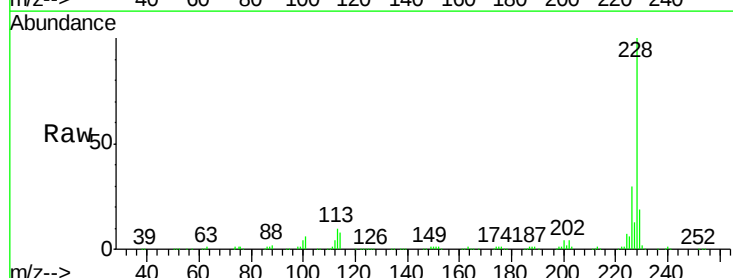


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

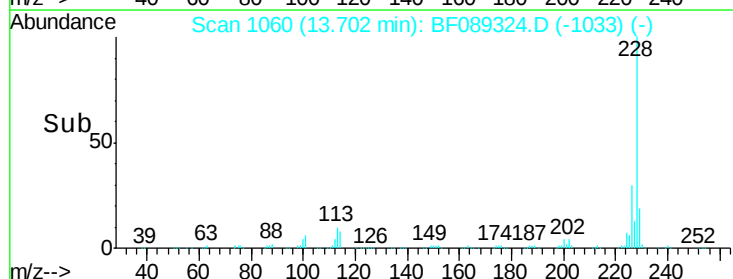
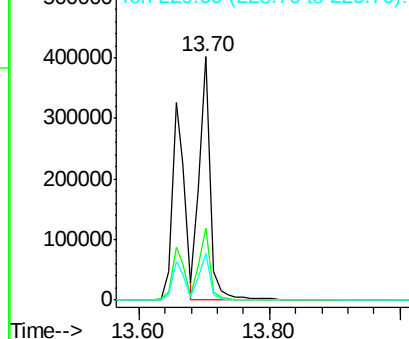


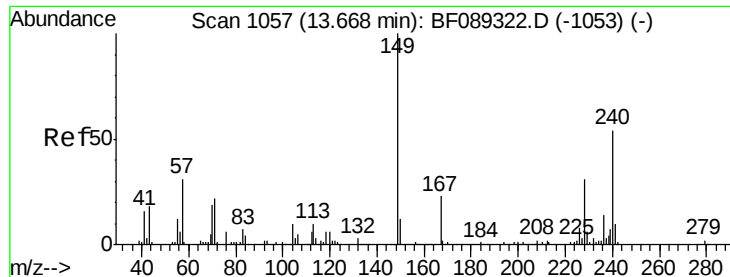
#82
 Chrysene
 Concen: 62.63 ng
 RT: 13.70 min Scan# 1060
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:228 Resp: 463046
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.2
 229 19.2 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: 67.10 ng

RT: 13.68 min Scan# 1058

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

Instrument :

BNA_F

ClientSampleId :

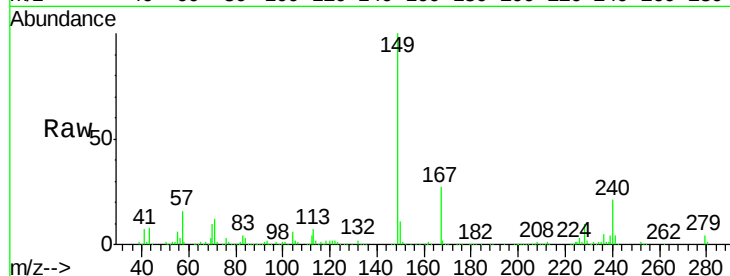
Tot Ion:149 Resp: 388769

Ion Ratio Lower Upper

149 100

167 26.6 18.8 28.2

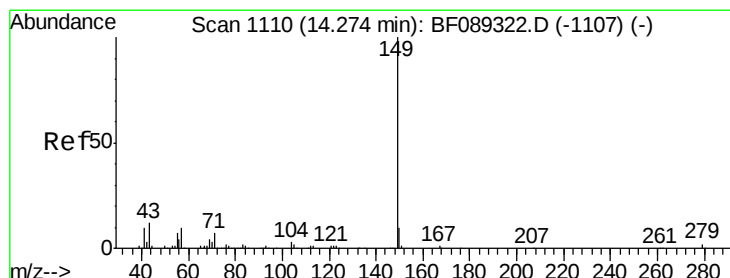
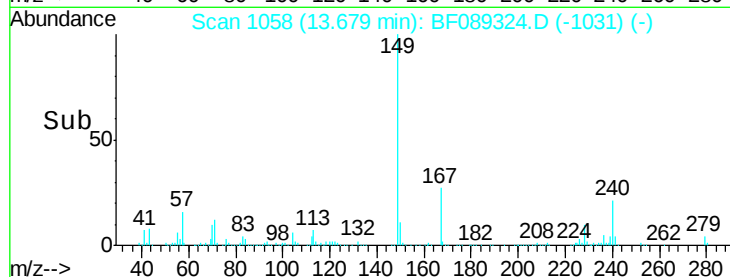
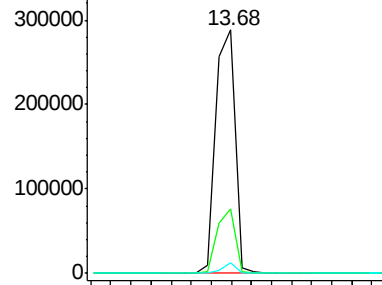
279 4.3 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 69.18 ng

RT: 14.29 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BF089324.D

Acq: 27 Jul 2016 11:53

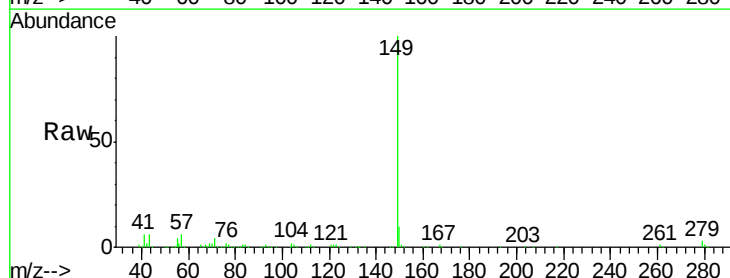
Tgt Ion:149 Resp: 654098

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

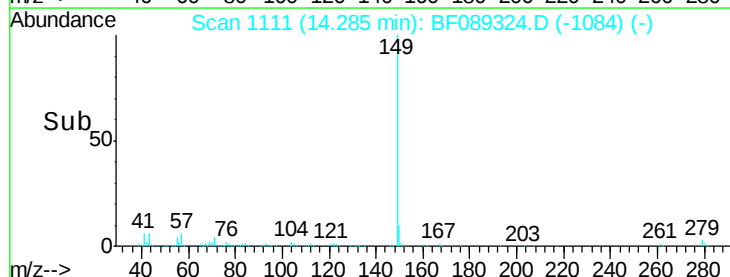
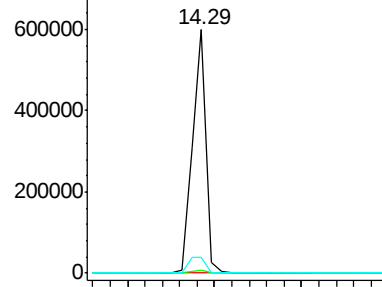
43 8.6 7.3 10.9

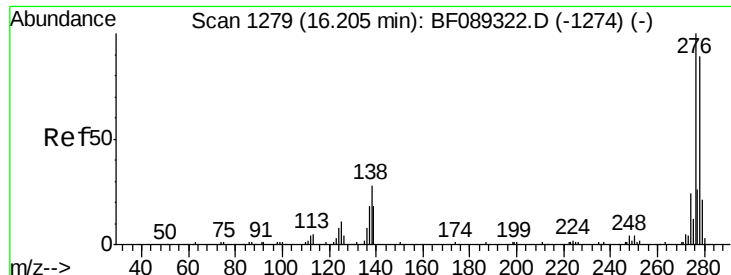


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



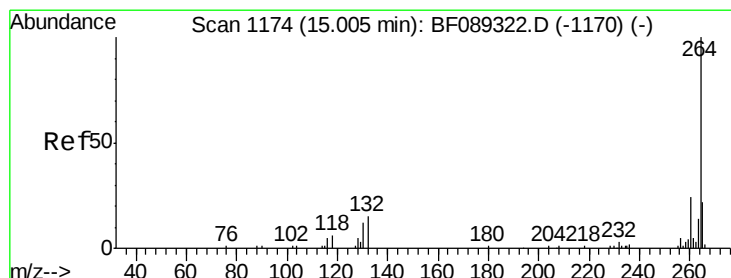
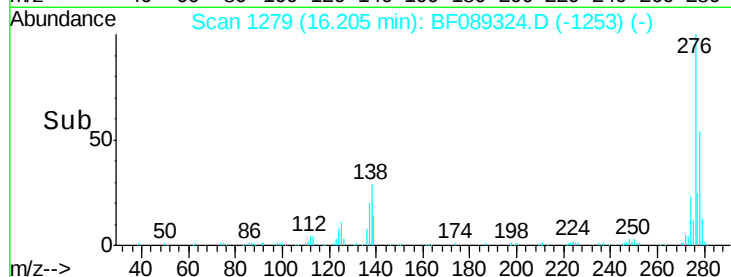
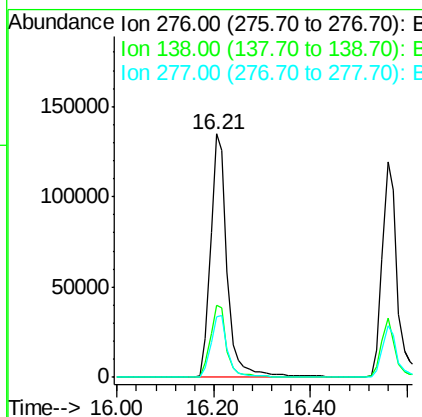
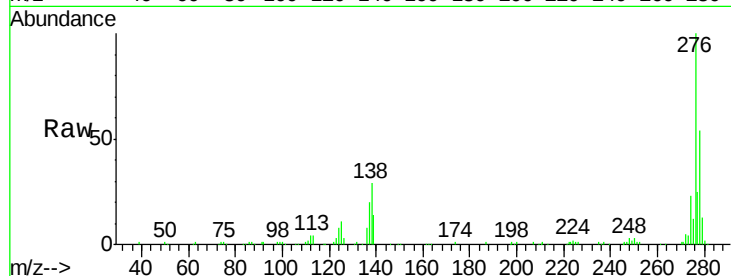


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 61.09 ng
 RT: 16.21 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 329367

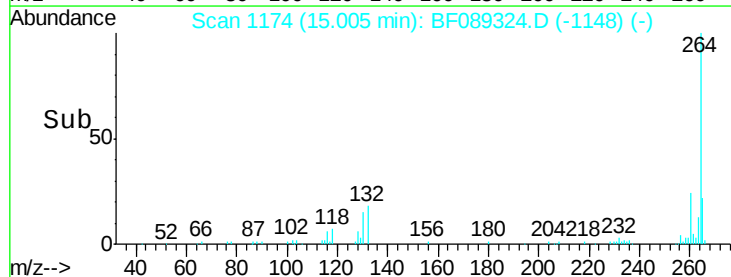
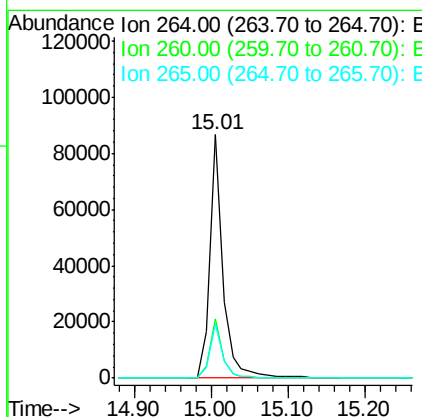
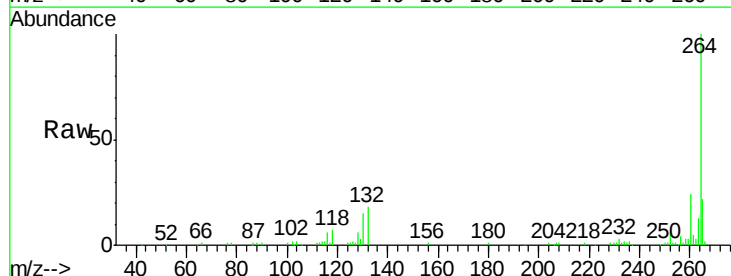
Ion	Ratio	Lower	Upper
276	100		
138	29.2	23.0	34.4
277	25.5	20.2	30.4

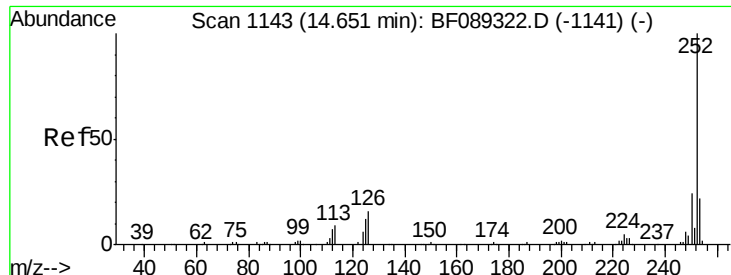


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Tgt Ion:264 Resp: 102110

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.4
265	22.2	17.5	26.3

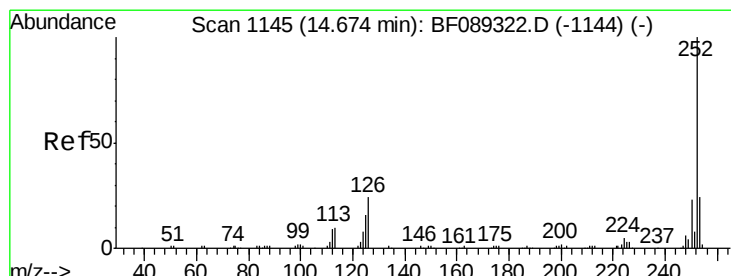
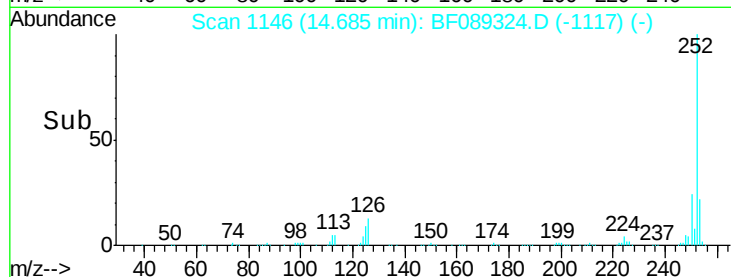
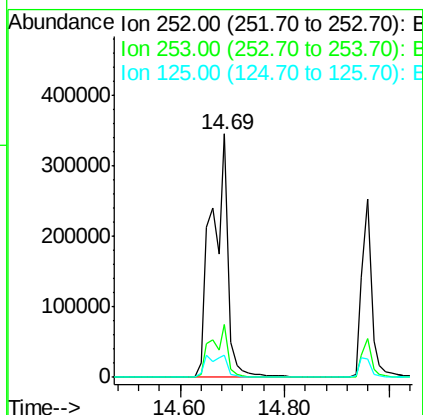
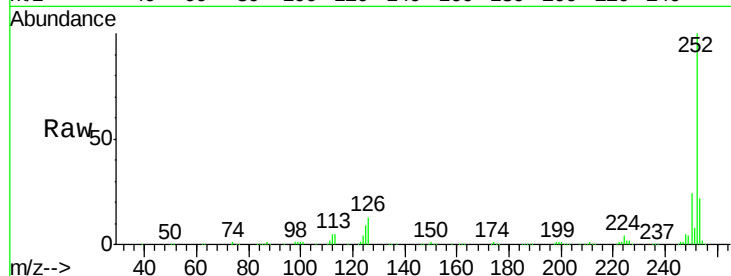




#87
Benzo(b)fluoranthene
Concen: 107.70 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.03 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

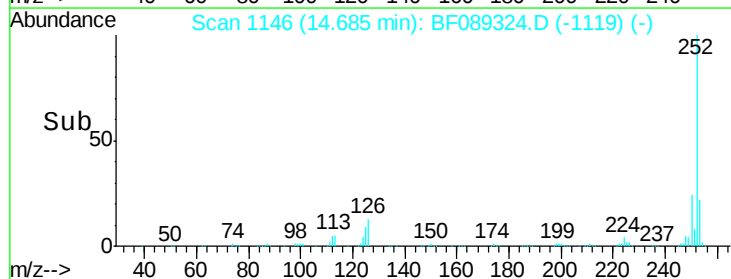
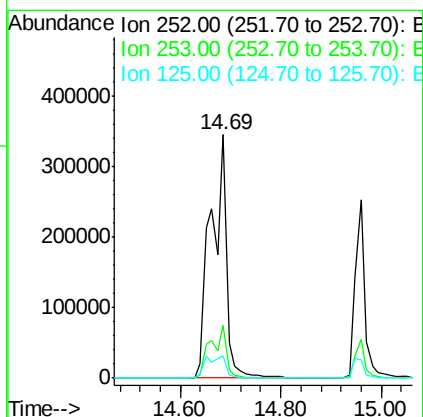
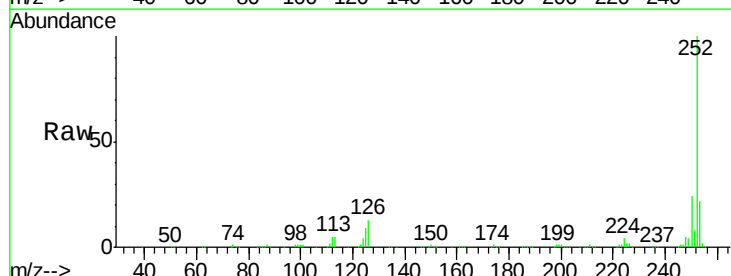
Instrument :
BNA_F
ClientSampled :

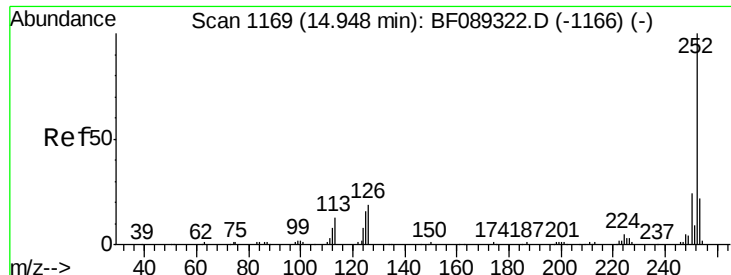
Tot Ion:252 Resp: 755414
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 9.1 9.7 14.5#



#88
Benzo(k)fluoranthene
Concen: 135.44 ng
RT: 14.69 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:252 Resp: 755808
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 9.1 10.7 16.1#

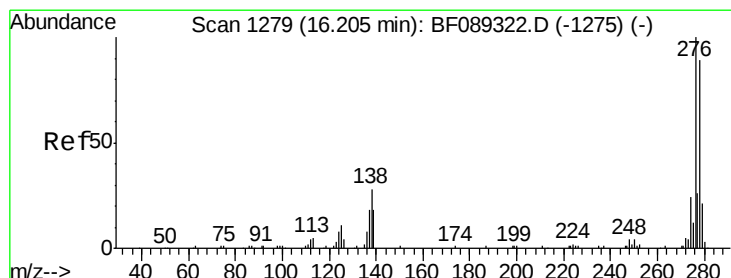
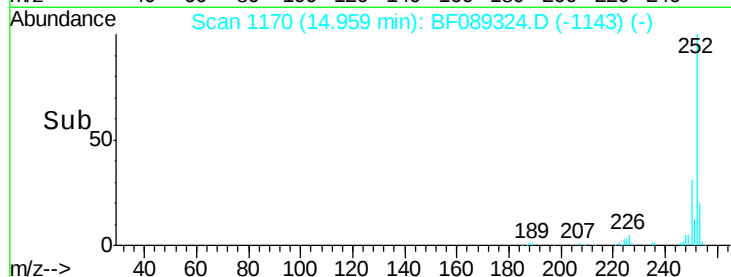
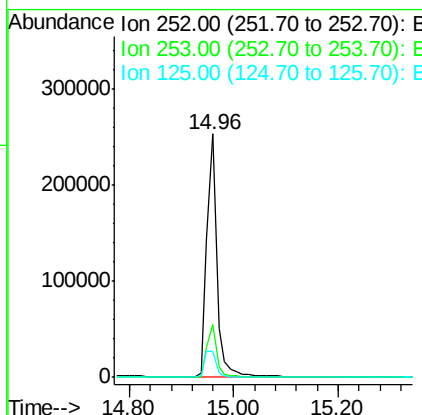
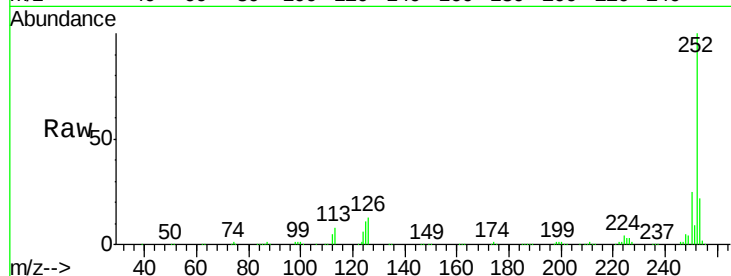




#89
Benzo(a)pyrene
Concen: 59.09 ng
RT: 14.96 min Scan# 1170
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

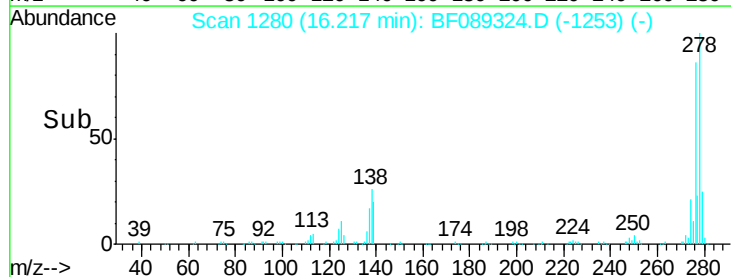
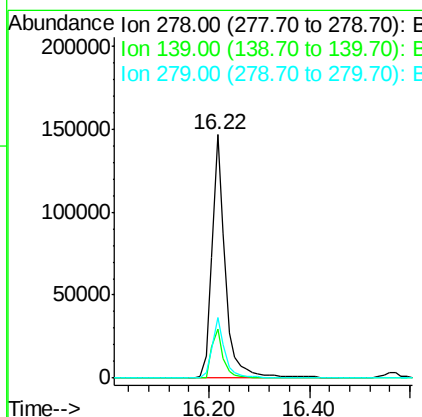
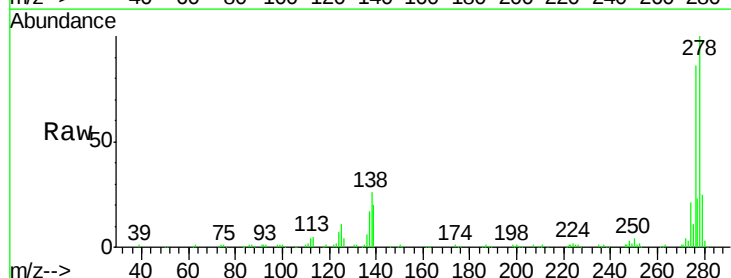
Instrument :
BNA_F
ClientSampleId :

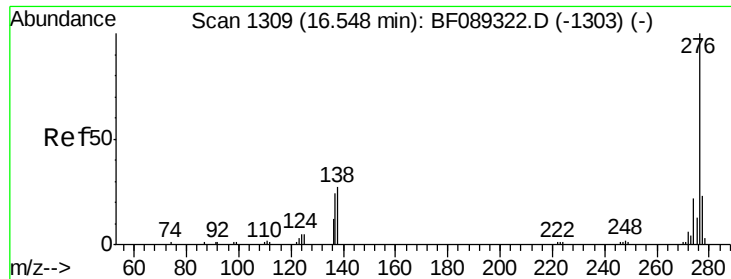
Tot Ion:252 Resp: 339279
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 10.5 12.4 18.6#



#90
Dibenzo(a,h)anthracene
Concen: 59.90 ng
RT: 16.22 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF089324.D
Acq: 27 Jul 2016 11:53

Tgt Ion:278 Resp: 271129
Ion Ratio Lower Upper
278 100
139 20.1 16.3 24.5
279 24.7 19.1 28.7

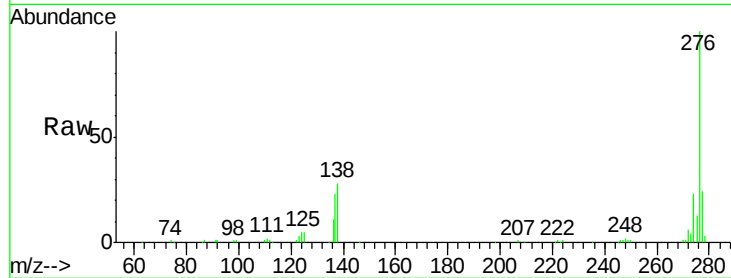




#91
 Benzo(a,h,i)perylene
 Concen: 57.71 ng
 RT: 16.56 min Scan# 1310
 Delta R.T. 0.01 min
 Lab File: BF089324.D
 Acq: 27 Jul 2016 11:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	28.0
138	27.6	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

