

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
 Data File : BF089461.D
 Acq On : 30 Jul 2016 19:16
 Operator : UM/SJ
 Sample : H4284-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 01 01:10:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	48722	20.00	ng	-0.05
21) Naphthalene-d8	7.79	136	198357	20.00	ng	-0.03
38) Acenaphthene-d10	9.53	164	87163	20.00	ng	-0.05
63) Phenanthrene-d10	11.00	188	156068	20.00	ng	-0.05
75) Chrysene-d12	13.62	240	84048	20.00	ng	-0.05
86) Perylene-d12	14.95	264	83439	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	461176	151.14	ng	-0.02
7) Phenol-d6	6.17	99	548185	135.94	ng	-0.03
23) Nitrobenzene-d5	7.08	82	364065	108.34	ng	-0.03
41) 2,4,6-Tribromophenol	10.32	330	84102	116.50	ng	-0.05
44) 2-Fluorobiphenyl	8.87	172	516209	86.91	ng	-0.05
78) Terphenyl-d14	12.58	244	367487	102.33	ng	-0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.95	88	57277	41.57	ng	# 90
3) Pyridine	2.55	79	104660	35.06	ng	97
4) n-Nitrosodimethylamine	2.52	42	62871	50.64	ng	96
6) Aniline	6.17	93	183890	42.23	ng	96
8) 2-Chlorophenol	6.30	128	174951	50.69	ng	94
9) Benzaldehyde	6.04	77	91191	46.31	ng	99
10) Phenol	6.18	94	220902	49.64	ng	99
11) bis(2-Chloroethyl)ether	6.25	93	180578	47.76	ng	91
12) 1,3-Dichlorobenzene	6.67	146	164564	45.58	ng	96
13) 1,4-Dichlorobenzene	6.52	146	176527	44.31	ng	94
14) 1,2-Dichlorobenzene	6.67	146	185296	49.64	ng	97
15) Benzyl Alcohol	6.66	79	148354	59.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.80	45	191742	46.50	ng	98
17) 2-Methylphenol	6.79	107	132624	49.71	ng	98
18) Hexachloroethane	7.00	117	66933	43.82	ng	95
19) n-Nitroso-di-n-propylamine	6.95	70	136129	55.98	ng	99
20) 3+4-Methylphenols	6.95	107	183540	53.57	ng	90
22) Acetophenone	6.94	105	235757	49.92	ng	# 98
24) Nitrobenzene	7.10	77	175447	45.87	ng	91
25) Isophorone	7.35	82	361306	53.37	ng	99
26) 2-Nitrophenol	7.42	139	94455	55.24	ng	92
27) 2,4-Dimethylphenol	7.47	122	153829	56.47	ng	99
28) bis(2-Chloroethoxy)methane	7.56	93	235185	62.76	ng	98
29) 2,4-Dichlorophenol	7.67	162	142737	57.50	ng	96
30) 1,2,4-Trichlorobenzene	7.74	180	145612	51.41	ng	96
31) Naphthalene	7.82	128	489816	49.87	ng	100
32) Benzoic acid	7.61	122	28361	14.94	ng	95
33) 4-Chloroaniline	7.87	127	143496	38.37	ng	# 94
34) Hexachlorobutadiene	7.93	225	70768	43.63	ng	99
35) Caprolactam	8.26	113	20652	27.56	ng	91
36) 4-Chloro-3-methylphenol	8.38	107	165970	56.26	ng	99
37) 2-Methylnaphthalene	8.50	142	319077	53.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	126577	41.50	ng	98
40) Hexachlorocyclopentadiene	8.65	237	76903	87.51	ng	99

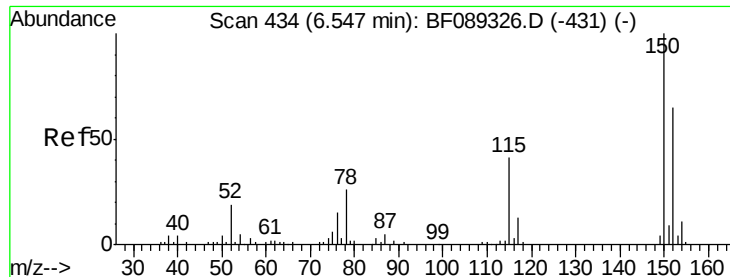
Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	88295	60.88	nq	99
43) 2,4,5-Trichlorophenol	8.83	196	102172	55.62	nq #	91
45) 1,1'-Biphenyl	8.97	154	350161	47.18	nq	95
46) 2-Chloronaphthalene	8.98	162	285335	51.20	nq	98
47) 2-Nitroaniline	9.10	65	100796	61.07	nq #	81
48) Acenaphthylene	9.39	152	438635	49.96	nq	99
49) Dimethylphthalate	9.28	163	424245	63.95	nq	98
50) 2,6-Dinitrotoluene	9.35	165	78638	57.69	nq #	79
51) Acenaphthene	9.56	154	250515	48.87	nq	100
52) 3-Nitroaniline	9.51	138	62342	43.34	nq #	78
53) 2,4-Dinitrophenol	9.63	184	24804	49.88	nq	90
54) Dibenzofuran	9.74	168	380006	54.40	nq	96
55) 4-Nitrophenol	9.74	139	257502	345.35	nq #	10
56) 2,4-Dinitrotoluene	9.75	165	103583	57.73	nq #	79
57) Fluorene	10.08	166	313170	51.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	73048	59.56	nq #	99
59) Diethylphthalate	9.98	149	349178	51.92	nq	99
60) 4-Chlorophenyl-phenylether	10.08	204	142868	51.08	nq	92
61) 4-Nitroaniline	10.12	138	71787	48.42	nq	94
62) Azobenzene	10.24	77	384001	55.44	nq	88
64) 4,6-Dinitro-2-methylphenol	10.16	198	38150	41.18	nq	91
65) n-Nitrosodiphenylamine	10.20	169	289810	59.51	nq	99
66) 4-Bromophenyl-phenylether	10.56	248	81317	54.57	nq #	85
67) Hexachlorobenzene	10.63	284	78568	51.45	nq #	70
68) Atrazine	10.73	200	79543	53.17	nq	95
69) Pentachlorophenol	10.82	266	64969	87.23	nq	99
70) Phenanthrene	11.03	178	409454	50.87	nq	99
71) Anthracene	11.08	178	435589	48.67	nq	100
72) Carbazole	11.24	167	397423	52.75	nq	99
73) Di-n-butylphthalate	11.59	149	489874	48.47	nq #	98
74) Fluoranthene	12.21	202	377059	44.53	nq	99
76) Benzidine	12.34	184	130201	41.92	nq	96
77) Pyrene	12.42	202	342849	53.82	nq	99
79) Butylbenzylphthalate	13.06	149	156055	53.89	nq	97
80) Benzo(a)anthracene	13.61	228	245719	51.81	nq	100
81) 3,3'-Dichlorobenzidine	13.59	252	71842	42.09	nq	98
82) Chrysene	13.65	228	232170	45.99	nq	100
83) Bis(2-ethylhexyl)phthalate	13.62	149	211499	50.52	nq	100
84) Di-n-octyl phthalate	14.24	149	356670	54.60	nq	99
85) Indeno(1,2,3-cd)pyrene	16.14	276	277350	77.26	nq	99
87) Benzo(b)fluoranthene	14.61	252	450889	87.02	nq	98
88) Benzo(k)fluoranthene	14.61	252	451121	94.69	nq	99
89) Benzo(a)pyrene	14.90	252	228845	49.23	nq	97
90) Dibenzo(a,h)anthracene	16.14	278	236316	64.54	nq	99
91) Benzo(g,h,i)perylene	16.48	276	233080	64.75	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.50 min Scan# 430

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

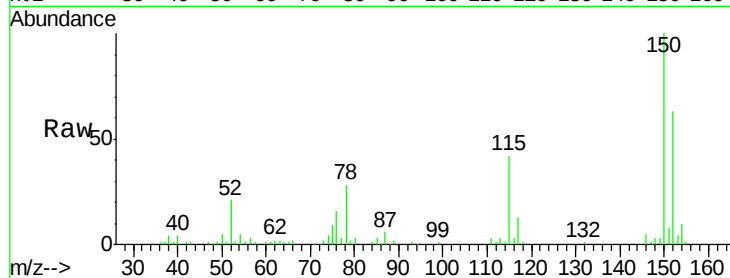
Tot Ion:152 Resp: 48722

Ion Ratio Lower Upper

152 100

150 159.7 129.5 194.3

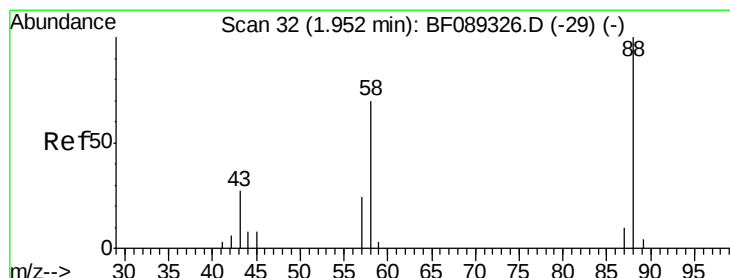
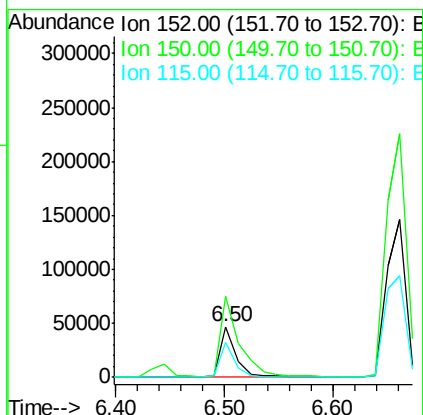
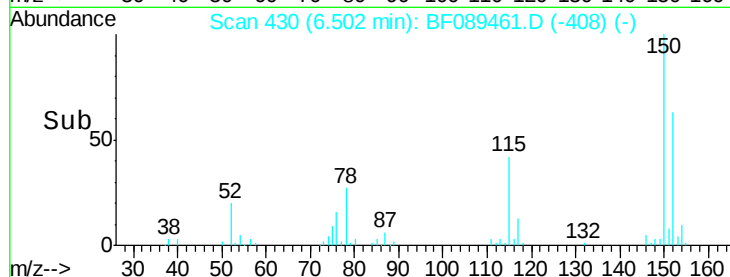
115 67.5 51.4 77.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.57 ng

RT: 1.95 min Scan# 32

Delta R.T. 0.00 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

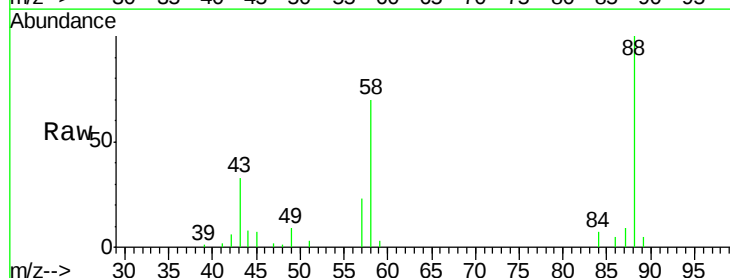
Tgt Ion: 88 Resp: 57277

Ion Ratio Lower Upper

88 100

58 62.7 53.2 79.8

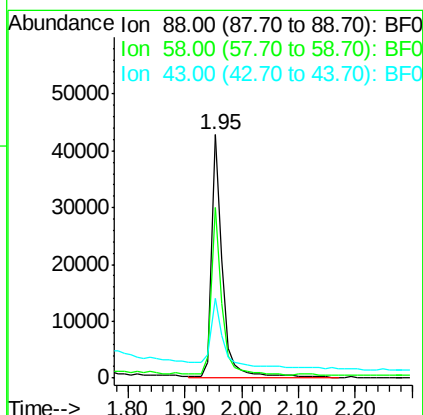
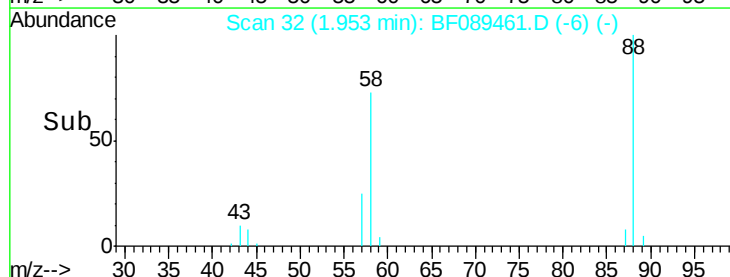
43 37.0 20.6 31.0#

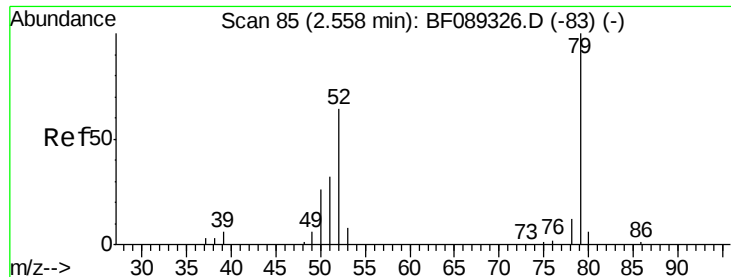


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 35.06 ng

RT: 2.55 min Scan# 84

Delta R.T. -0.02 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

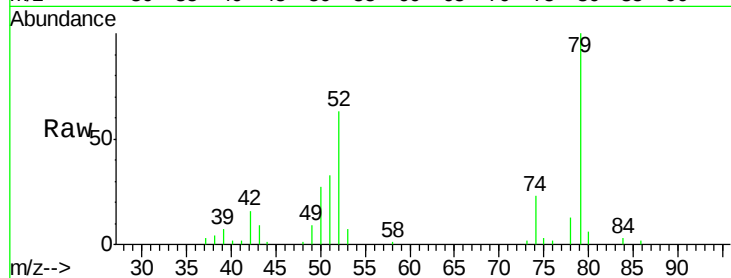
Tot Ion: 79 Resp: 104660

Ion Ratio Lower Upper

79 100

52 62.7 51.9 77.9

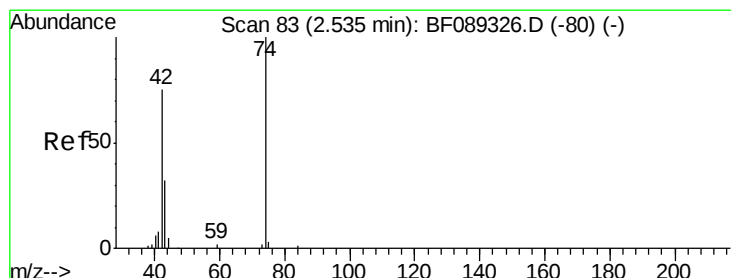
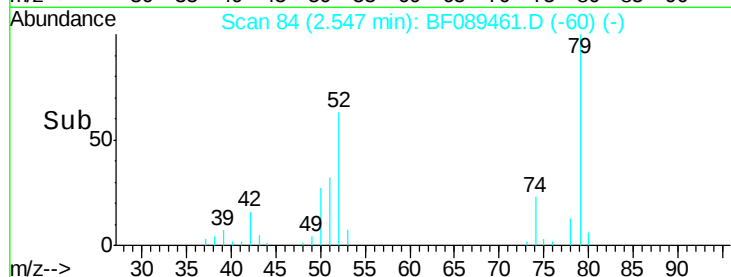
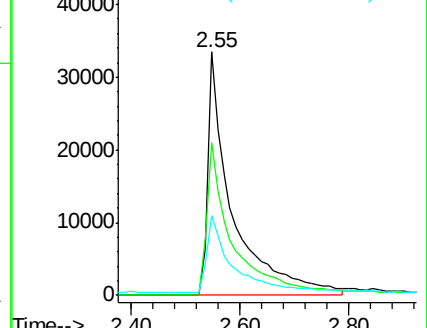
51 33.0 28.2 42.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 50.64 ng

RT: 2.52 min Scan# 82

Delta R.T. -0.01 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

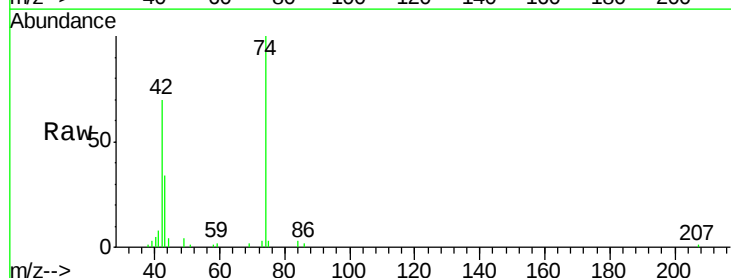
Tgt Ion: 42 Resp: 62871

Ion Ratio Lower Upper

42 100

74 142.9 110.8 166.2

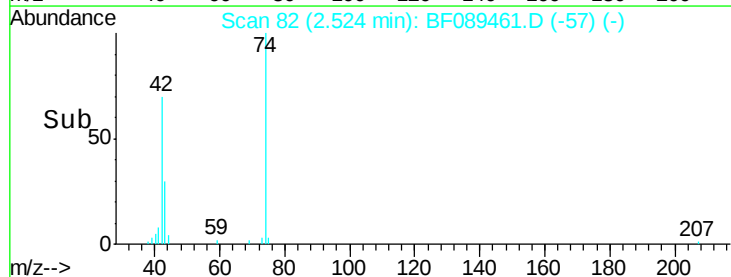
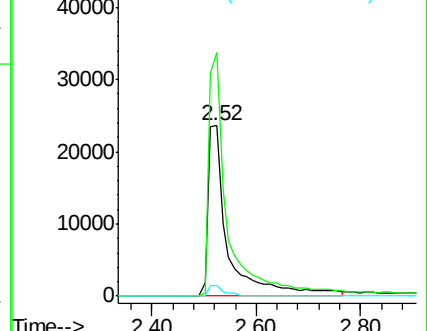
44 6.0 5.2 7.8

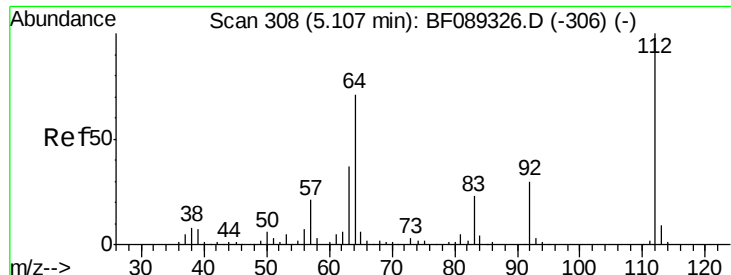


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 151.14 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampled :

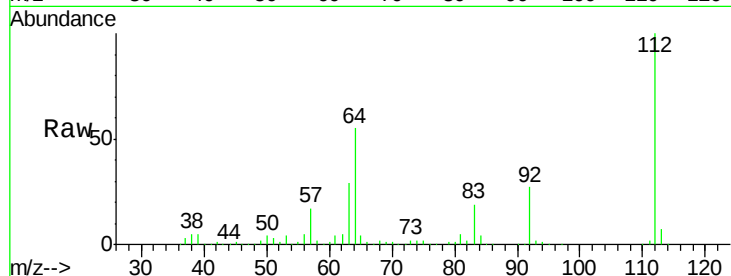
Tot Ion:112 Resp: 461176

Ion Ratio Lower Upper

112 100

64 54.8 55.0 82.6#

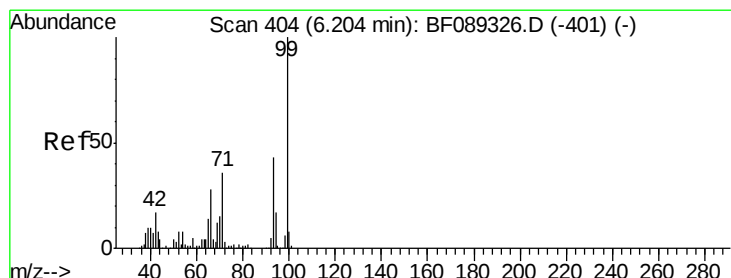
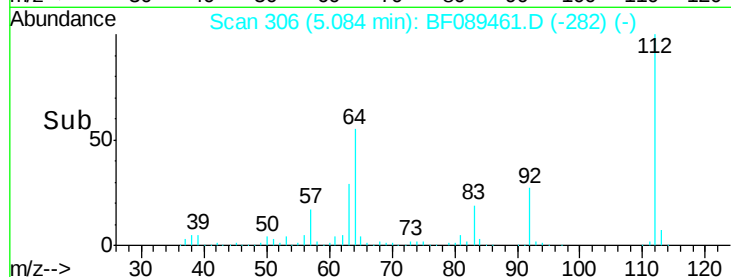
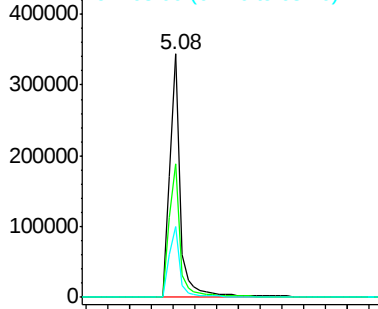
63 29.3 29.4 44.2#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.23 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

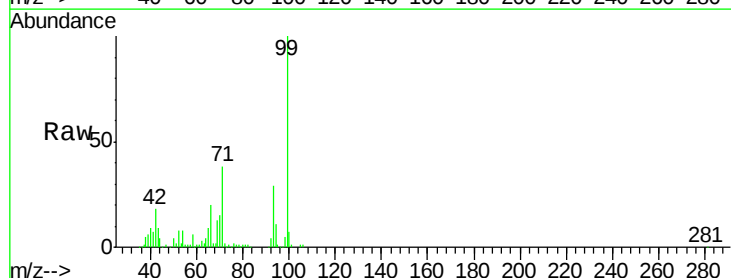
Tgt Ion: 93 Resp: 183890

Ion Ratio Lower Upper

93 100

66 68.9 51.6 77.4

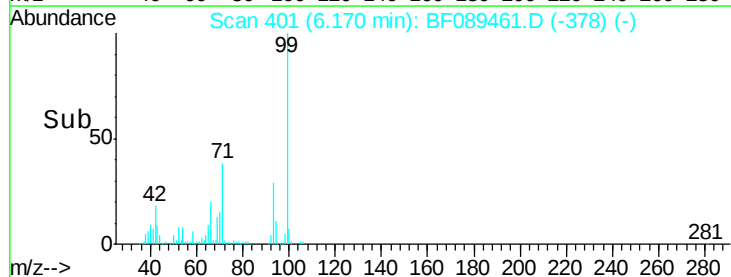
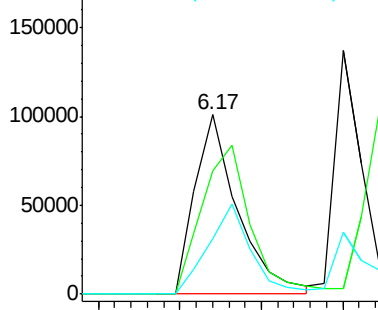
65 30.9 24.7 37.1

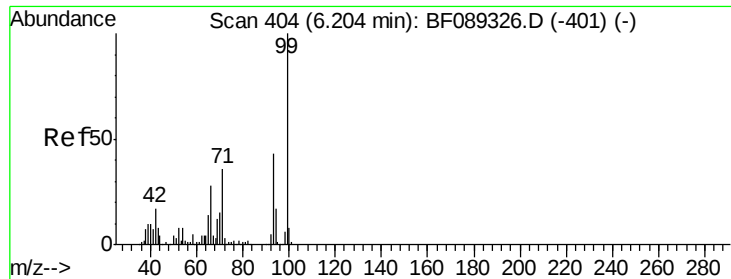


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 135.94 ng

RT: 6.17 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

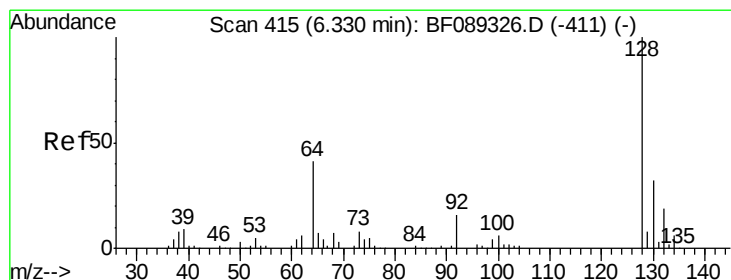
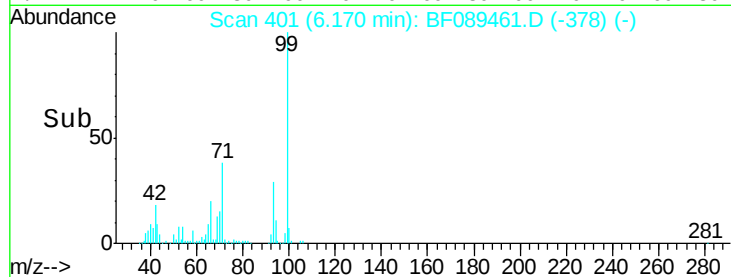
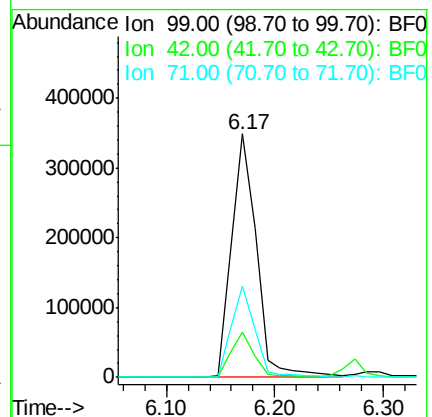
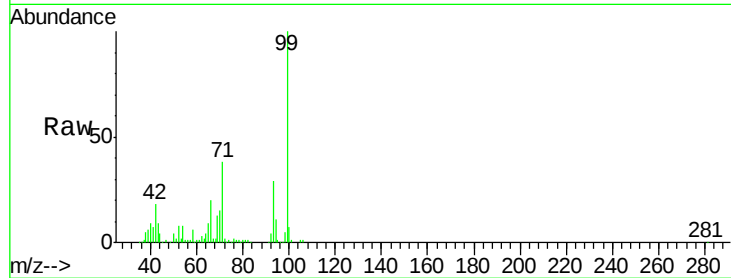
Tot Ion: 99 Resp: 548185

Ion Ratio Lower Upper

99 100

42 18.5 13.6 20.4

71 37.6 29.4 44.2



#8

2-Chlorophenol

Concen: 50.69 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

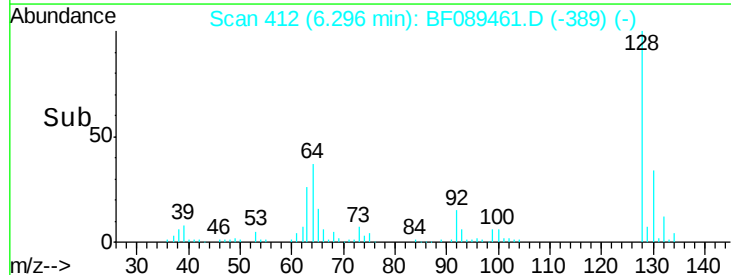
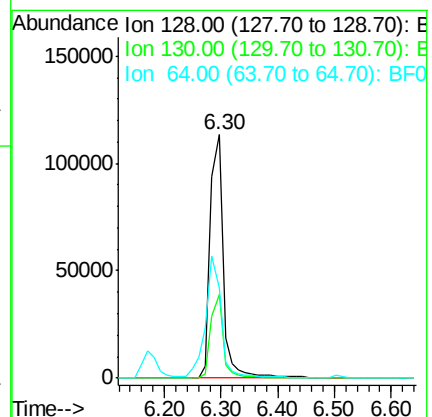
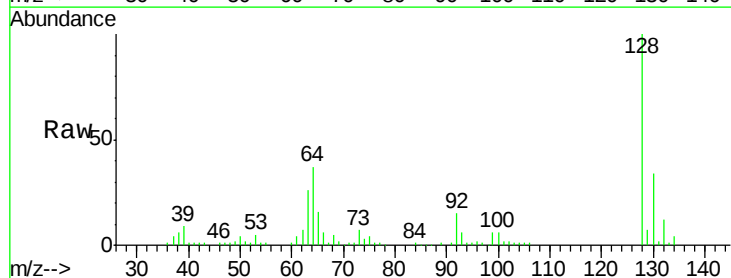
Tgt Ion: 128 Resp: 174951

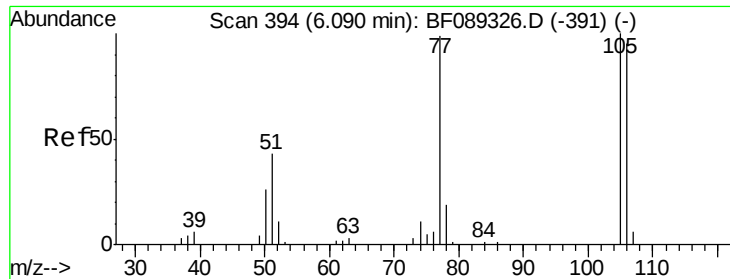
Ion Ratio Lower Upper

128 100

130 34.2 12.6 52.6

64 37.2 22.1 62.1

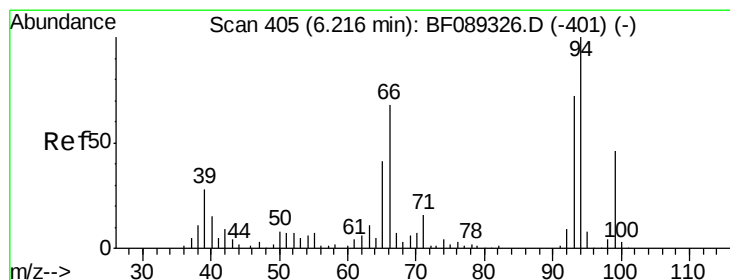
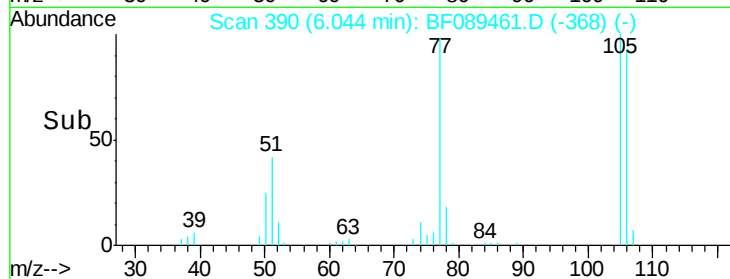
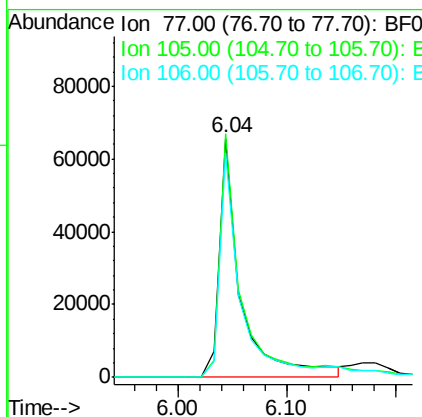
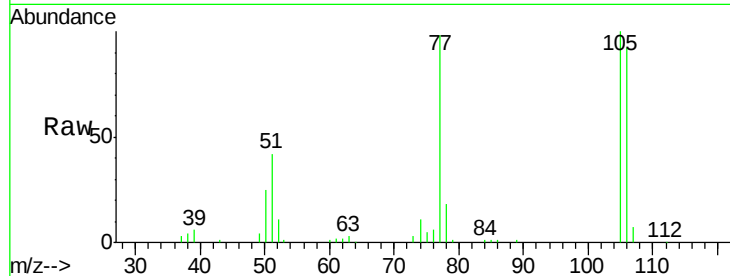




#9
Benzaldehyde
Concen: 46.31 ng
RT: 6.04 min Scan# 390
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

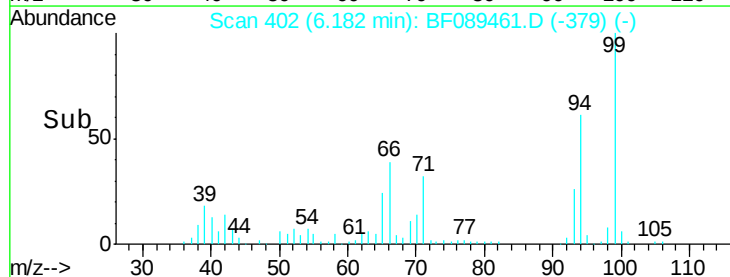
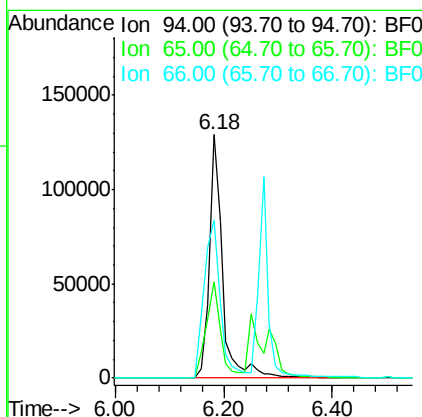
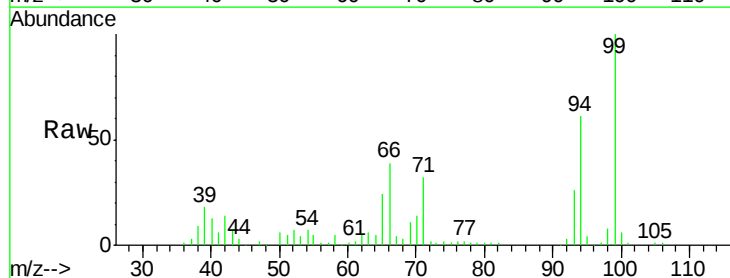
Instrument :
BNA_F
ClientSampled :

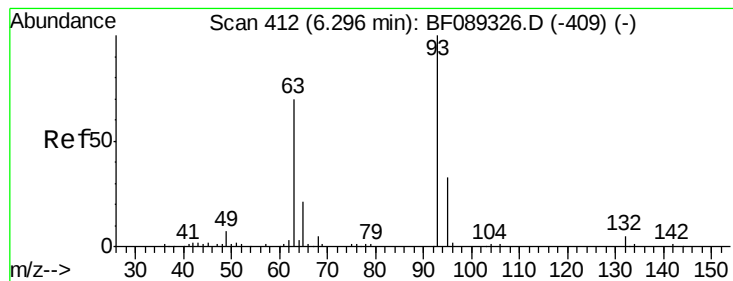
Tot Ion: 77 Resp: 91191
Ion Ratio Lower Upper
77 100
105 102.1 82.9 122.9
106 94.1 75.9 115.9



#10
Phenol
Concen: 49.64 ng
RT: 6.18 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion: 94 Resp: 220902
Ion Ratio Lower Upper
94 100
65 39.5 19.1 59.1
66 65.1 44.4 84.4





#11

bis(2-Chloroethyl)ether

Concen: 47.76 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

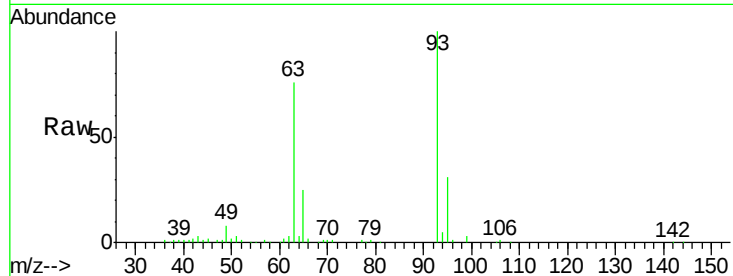
Tot Ion: 93 Resp: 180578

Ion Ratio Lower Upper

93 100

63 76.2 45.6 85.6

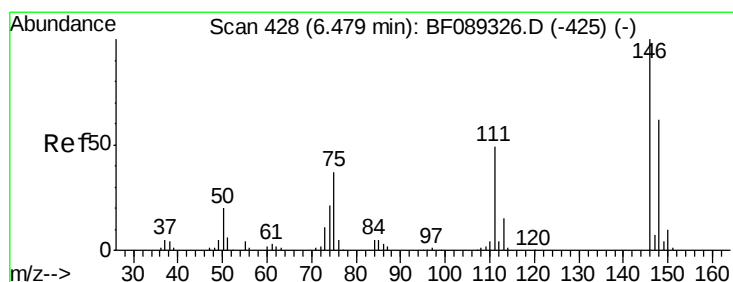
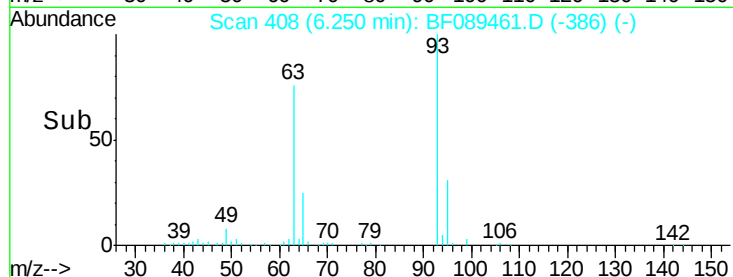
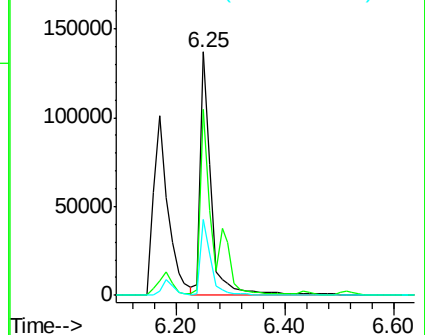
95 31.1 11.1 51.1



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.58 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.19 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

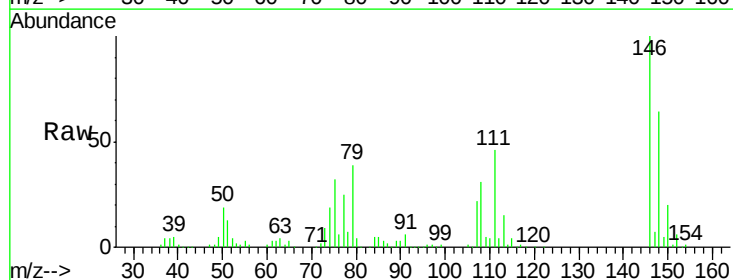
Tgt Ion: 146 Resp: 164564

Ion Ratio Lower Upper

146 100

148 63.6 50.5 75.7

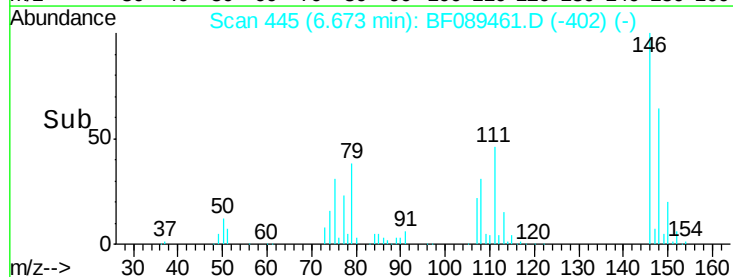
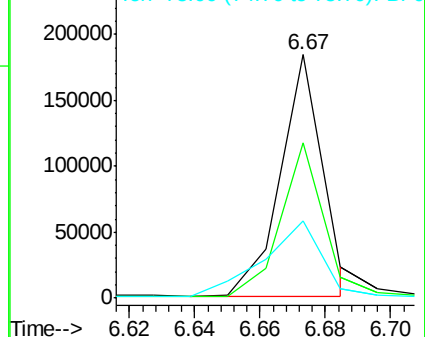
75 31.7 30.0 45.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

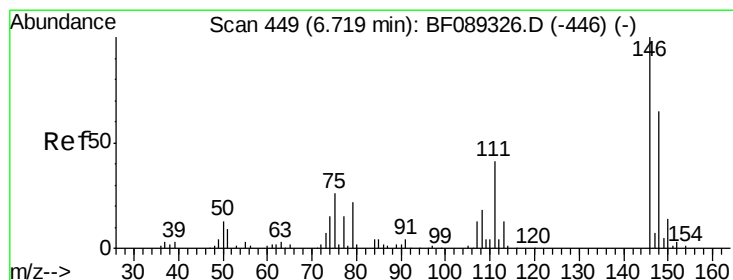
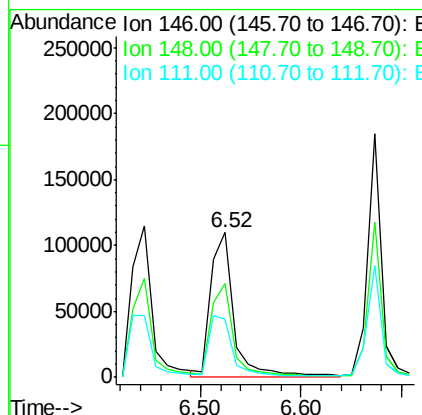
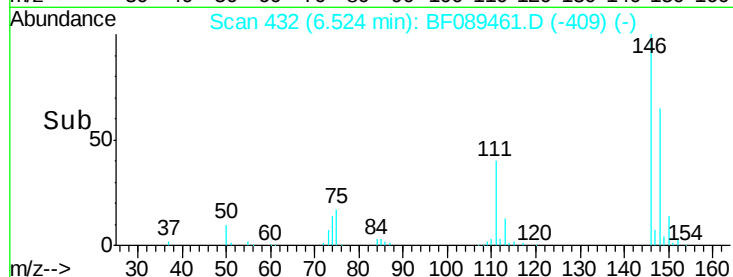
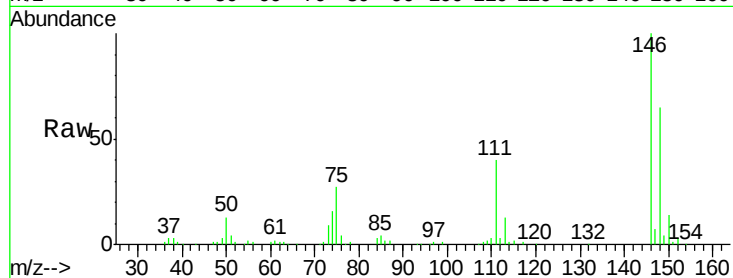




#13
 1,4-Dichlorobenzene
 Concen: 44.31 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

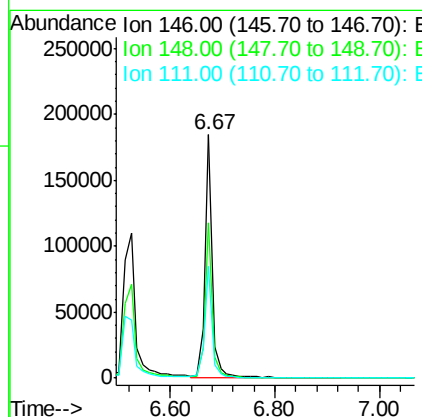
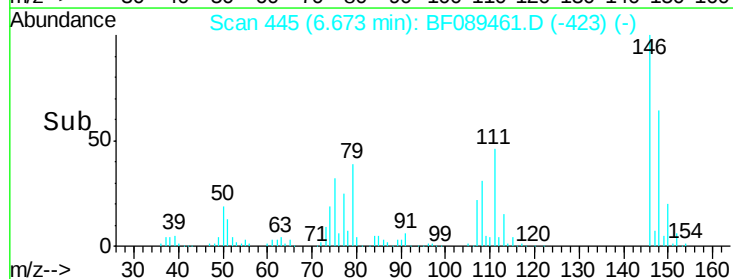
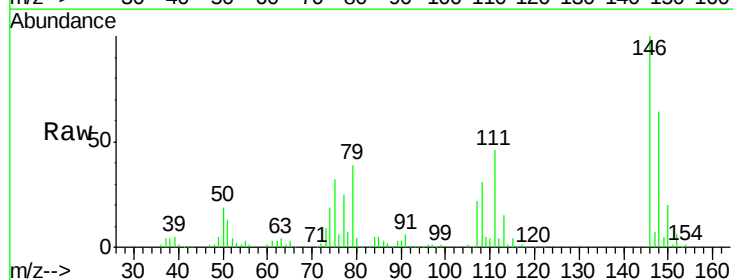
Instrument :
 BNA_F
 ClientSampled :

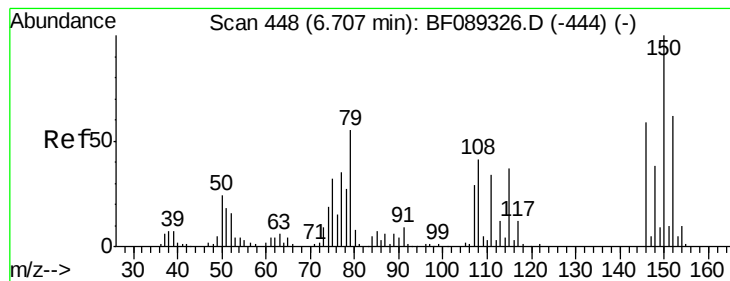
Tot Ion:146 Resp: 176527
 Ion Ratio Lower Upper
 146 100
 148 65.3 50.8 76.2
 111 40.5 38.6 57.8



#14
 1,2-Dichlorobenzene
 Concen: 49.64 ng
 RT: 6.67 min Scan# 445
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:146 Resp: 185296
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.4 75.6
 111 45.8 33.0 49.4





#15

Benzyl Alcohol

Concen: 59.28 ng

RT: 6.66 min Scan# 444

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

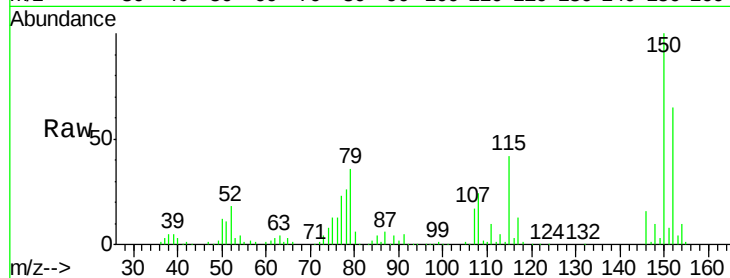
Tot Ion: 79 Resp: 148354

Ion Ratio Lower Upper

79 100

108 66.6 59.8 89.6

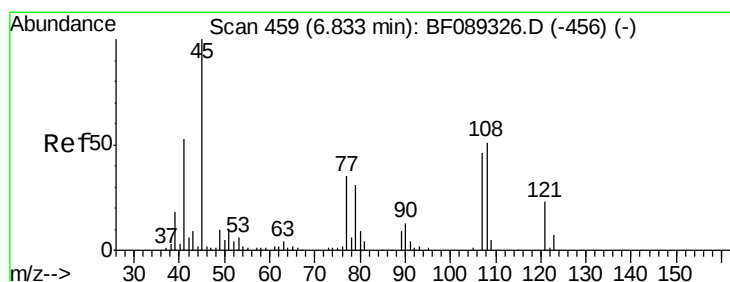
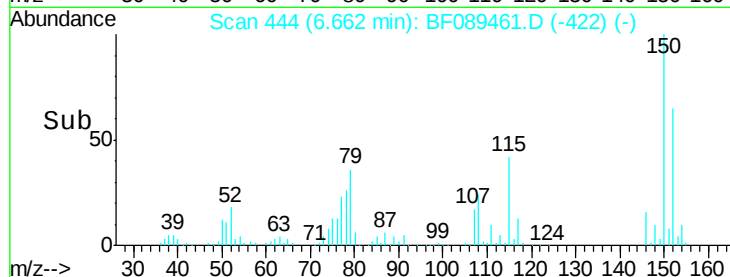
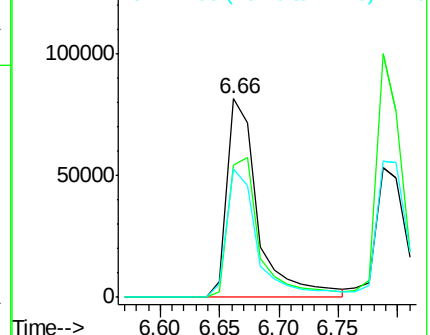
77 64.7 51.7 77.5



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: 46.50 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

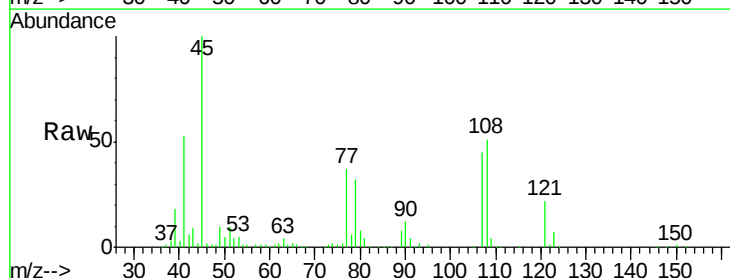
Tgt Ion: 45 Resp: 191742

Ion Ratio Lower Upper

45 100

77 36.6 17.3 57.3

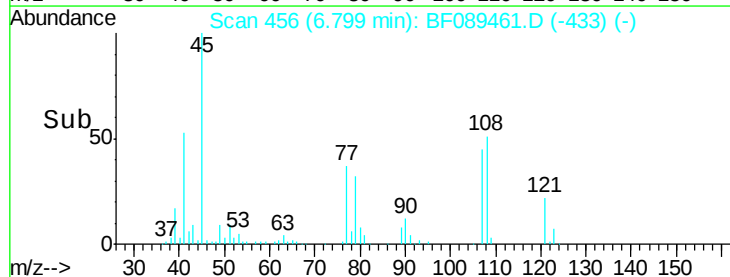
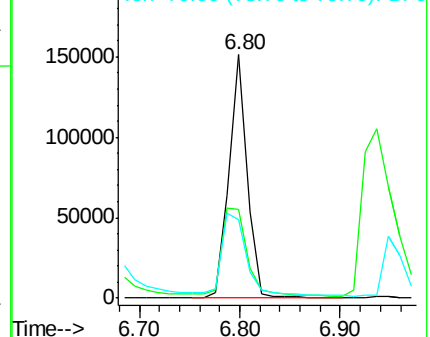
79 32.5 13.9 53.9

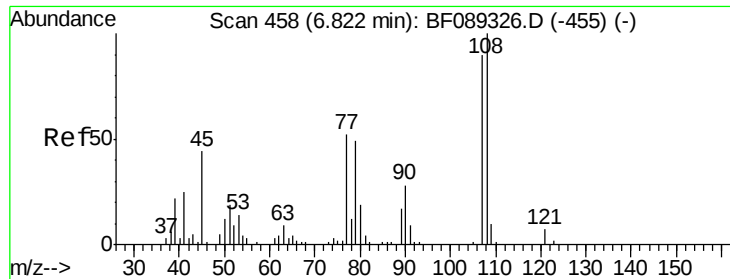


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 49.71 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 132624

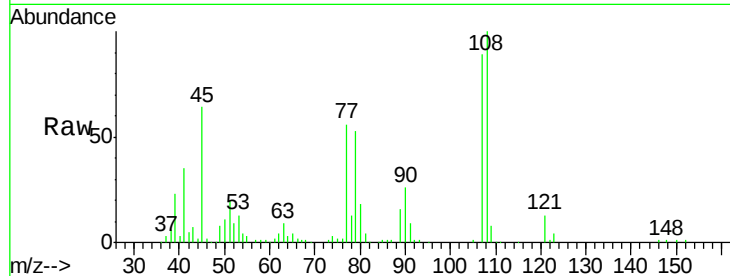
Ion Ratio Lower Upper

107 100

108 112.9 91.4 137.0

77 63.4 48.6 73.0

79 60.1 48.2 72.4

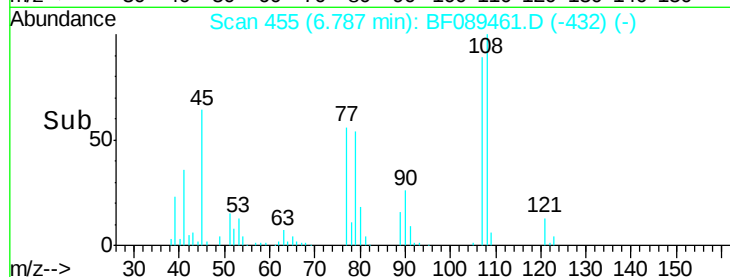


Abundance Ion 107.00 (106.70 to 107.70): E

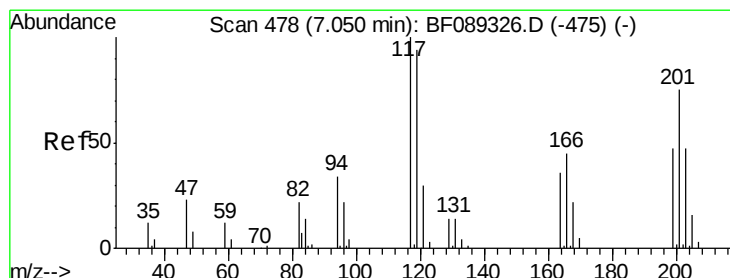
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 43.82 ng

RT: 7.00 min Scan# 474

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

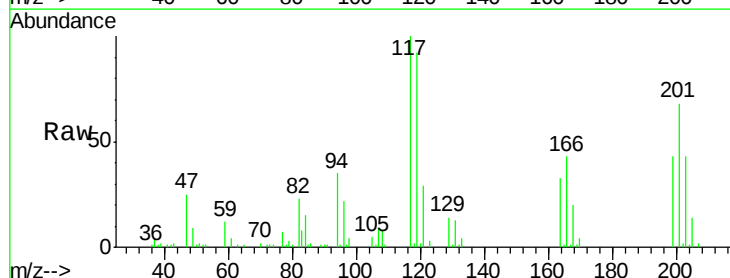
Tgt Ion:117 Resp: 66933

Ion Ratio Lower Upper

117 100

119 92.4 76.0 114.0

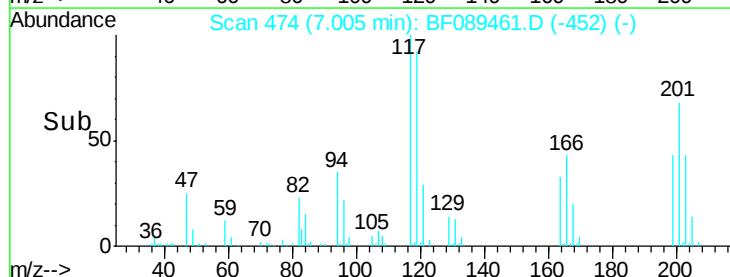
201 67.6 60.0 90.0



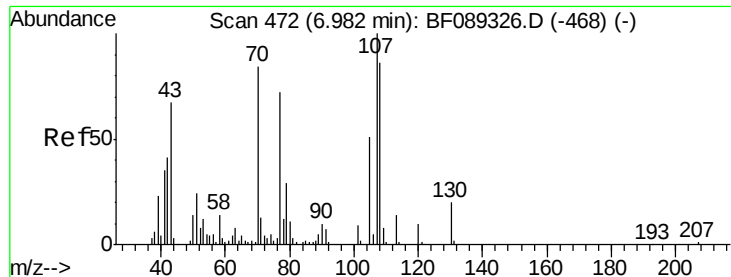
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



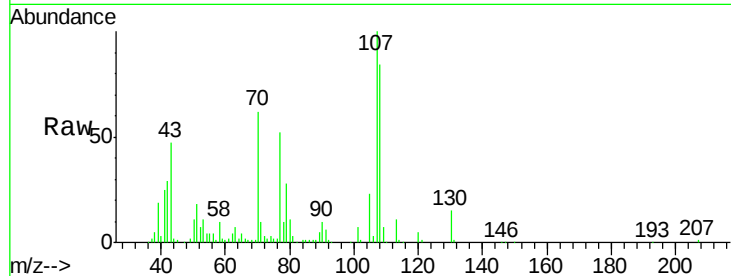
Time-->



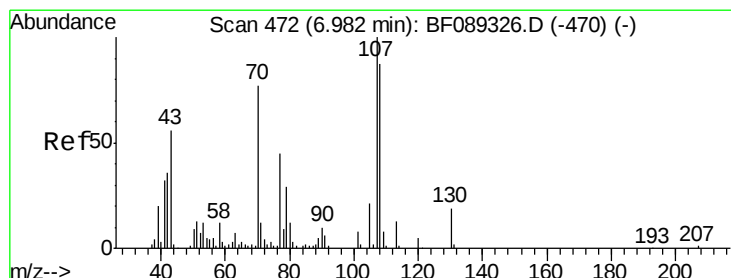
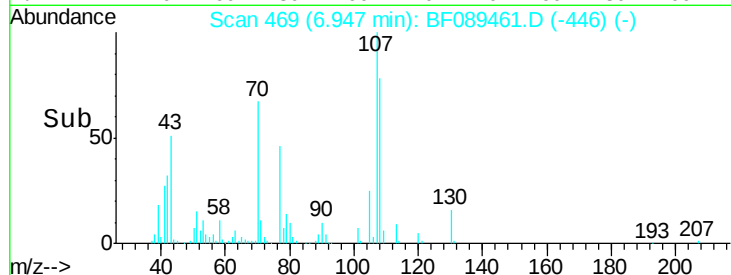
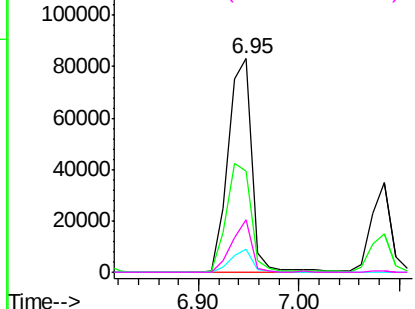
#19
n-Nitroso-di-n-propylamine
Concen: 55.98 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	136129
Ion	Ratio	Lower	Upper
70	100		
42	47.6	38.6	57.8
101	10.8	8.3	12.5
130	24.5	19.0	28.4



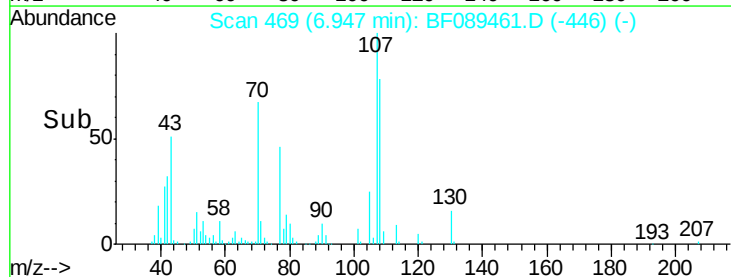
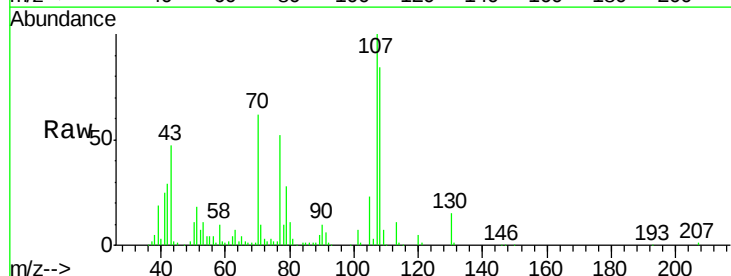
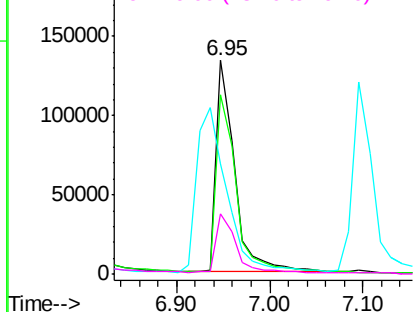
Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

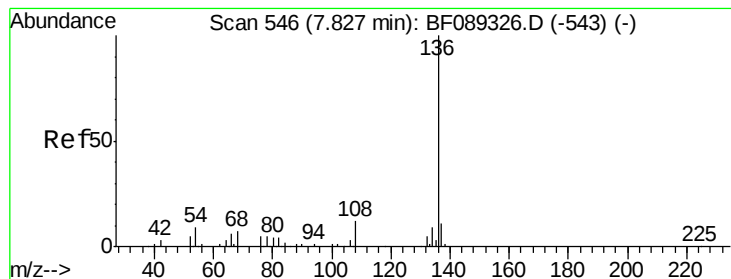


#20
3+4-Methylphenols
Concen: 53.57 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:	107	Resp:	183540
Ion	Ratio	Lower	Upper
107	100		
108	84.0	63.3	103.3
77	51.8	51.1	91.1
79	28.4	9.3	49.3

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 198357

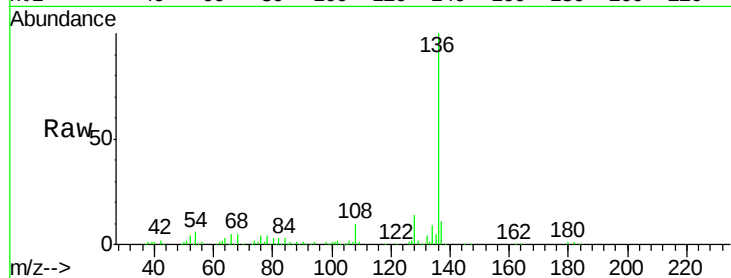
Ion Ratio Lower Upper

136 100

137 10.7 8.6 13.0

54 6.3 7.0 10.4#

68 5.1 4.9 7.3

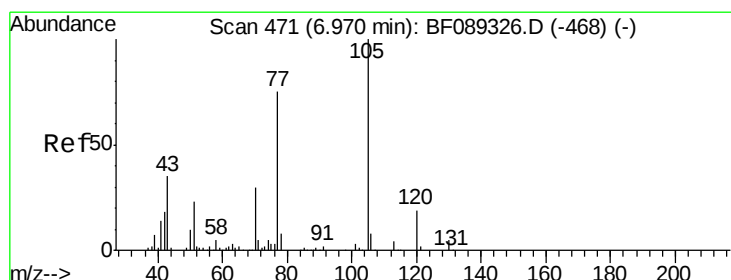
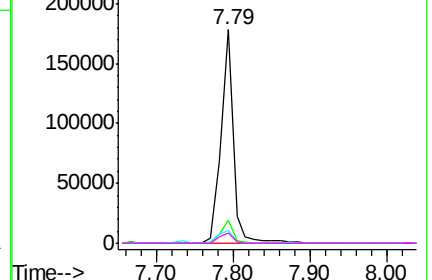
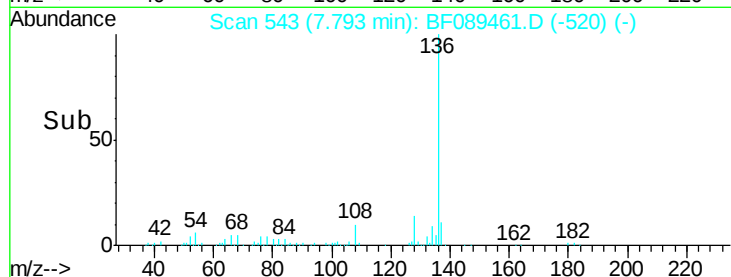


Abundance Ion 136.00 (135.70 to 136.70): E

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: 49.92 ng

RT: 6.94 min Scan# 468

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Tgt Ion:105 Resp: 235757

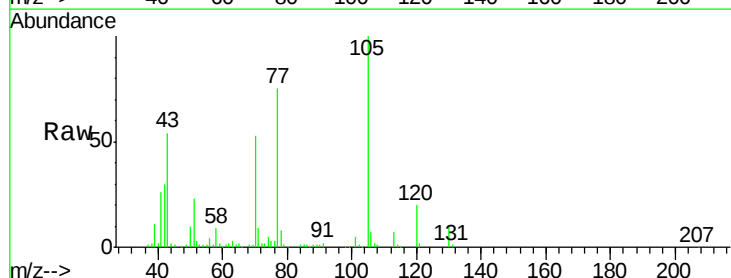
Ion Ratio Lower Upper

105 100

71 8.8 4.2 6.2#

51 23.0 18.7 28.1

120 19.8 15.8 23.6

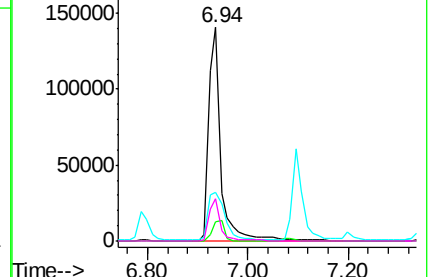
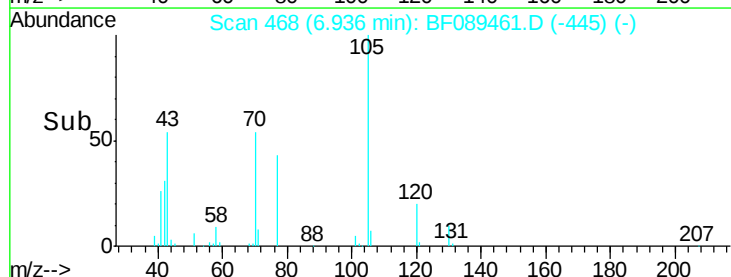


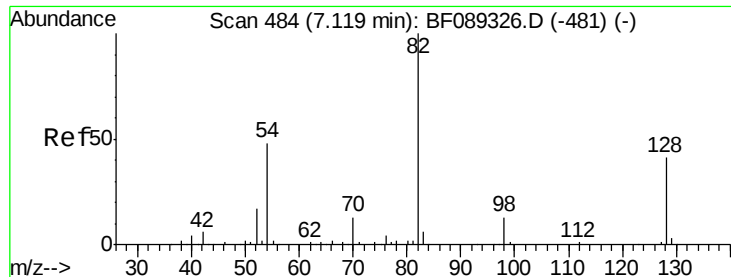
Abundance Ion 105.00 (104.70 to 105.70): E

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

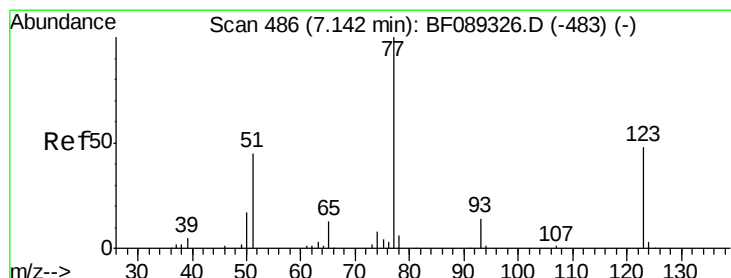
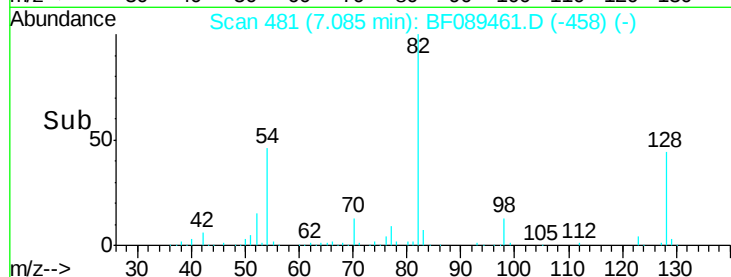
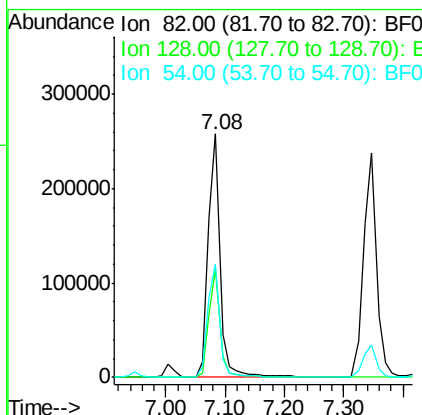
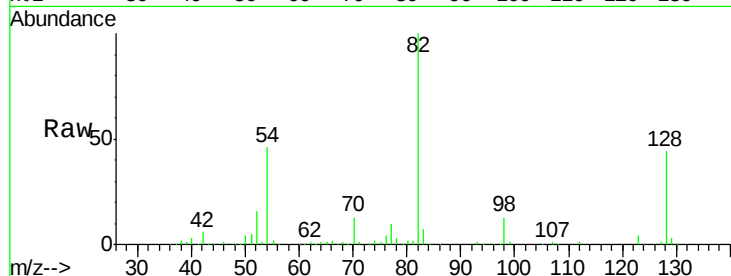




#23
Nitrobenzene-d5
Concen: 108.34 ng
RT: 7.08 min Scan# 481
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

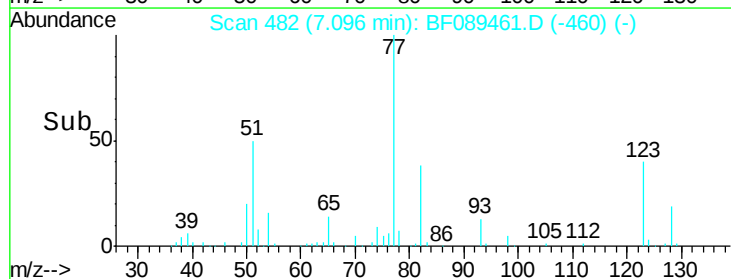
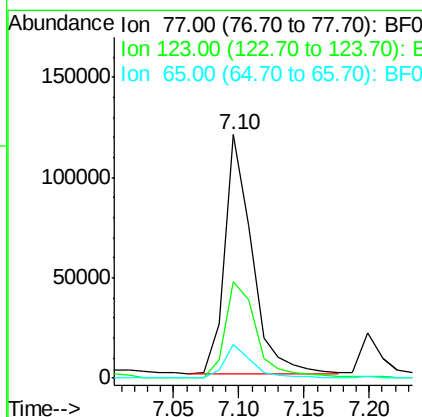
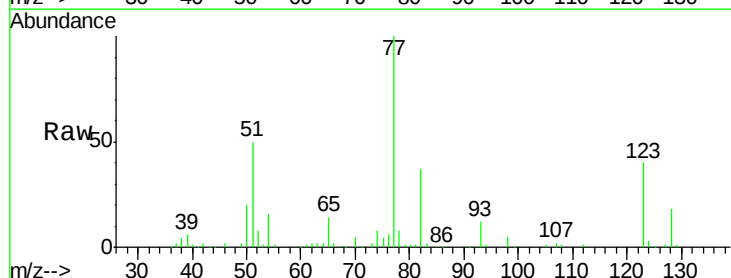
Instrument :
BNA_F
ClientSampleId :

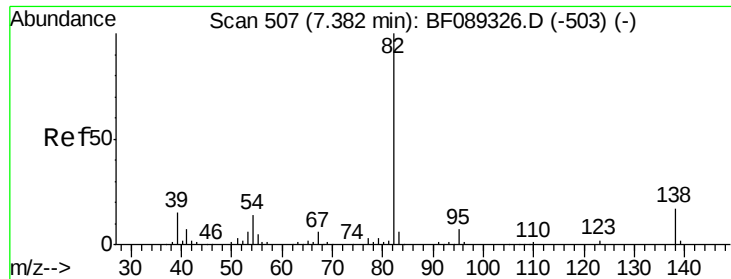
Tot Ion	82	Resp	364065
Ion Ratio	100	Lower	Upper
128	44.4	32.5	48.7
54	46.2	38.8	58.2



#24
Nitrobenzene
Concen: 45.87 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion	77	Resp	175447
Ion Ratio	100	Lower	Upper
123	39.6	37.2	55.8
65	13.8	10.2	15.4





#25

Isophorone

Concen: 53.37 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

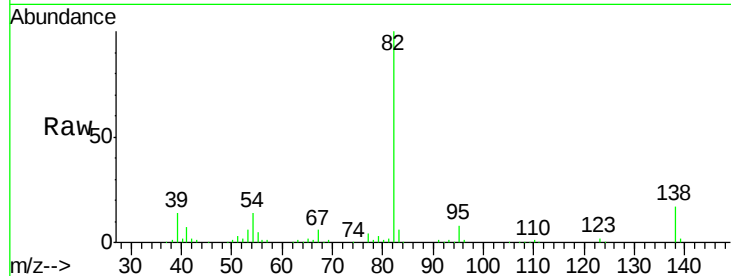
Tot Ion: 82 Resp: 361306

Ion Ratio Lower Upper

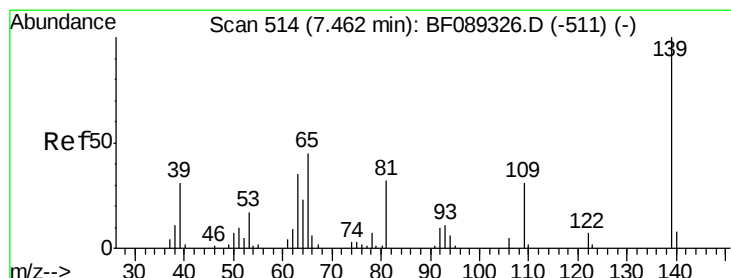
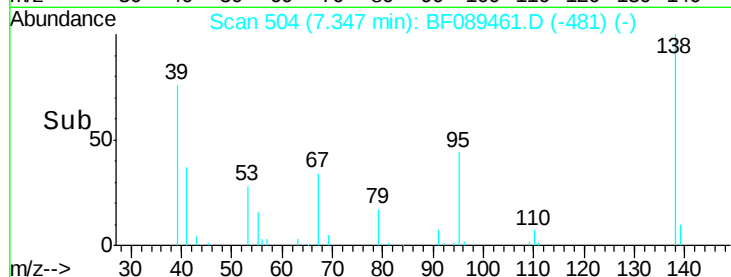
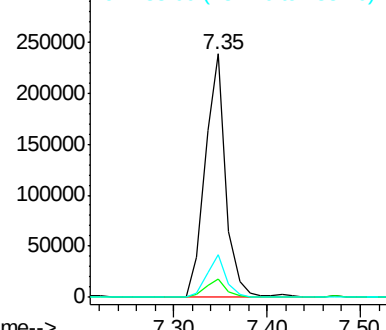
82 100

95 7.7 6.0 9.0

138 17.3 13.3 19.9



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



#26

2-Nitrophenol

Concen: 55.24 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

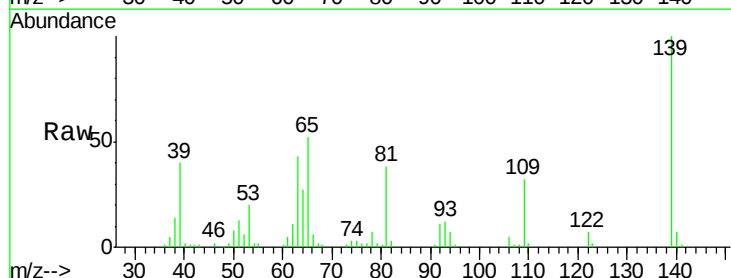
Tgt Ion: 139 Resp: 94455

Ion Ratio Lower Upper

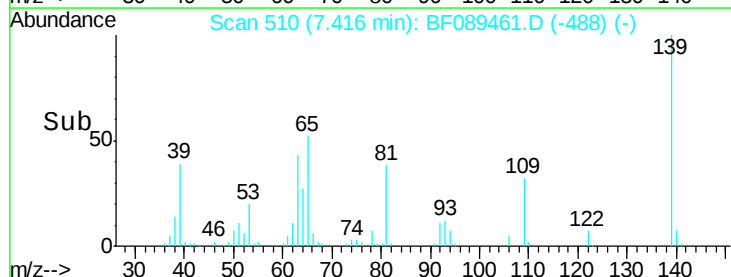
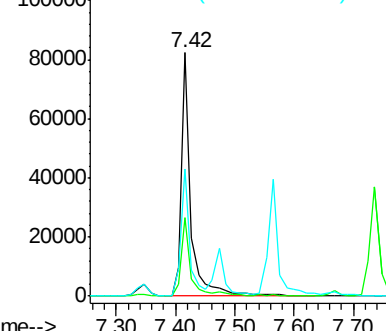
139 100

109 32.4 25.8 38.8

65 52.4 35.2 52.8



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

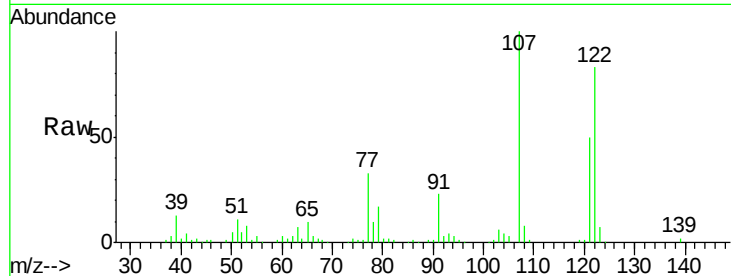




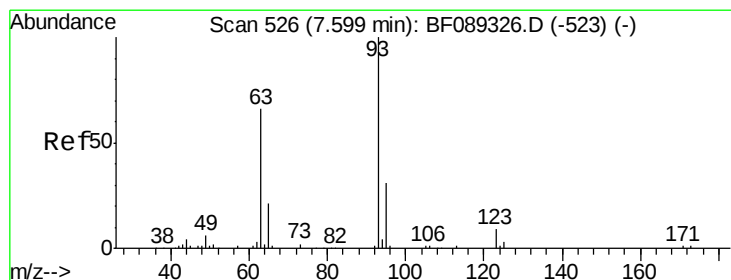
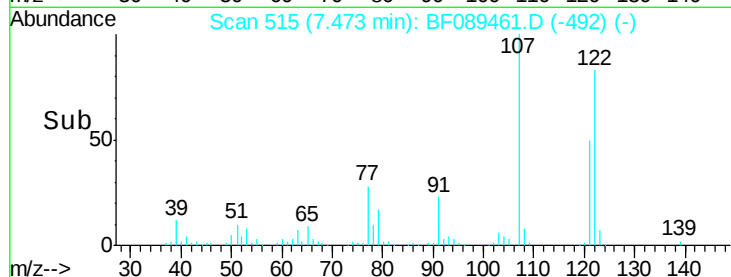
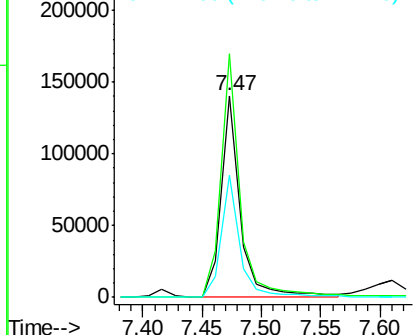
#27
 2,4-Dimethylphenol
 Concen: 56.47 ng
 RT: 7.47 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 153829
 Ion Ratio Lower Upper
 122 100
 107 120.7 97.2 145.8
 121 60.3 48.8 73.2

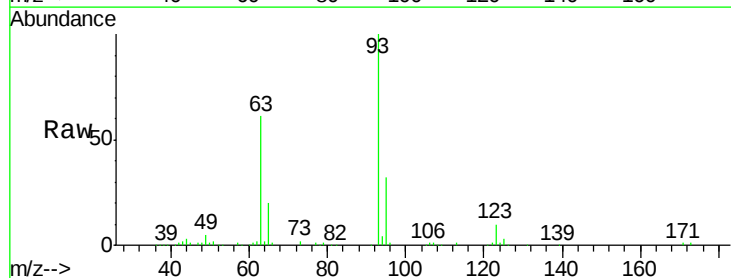


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

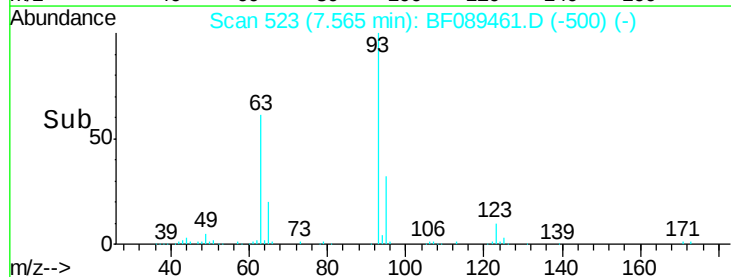
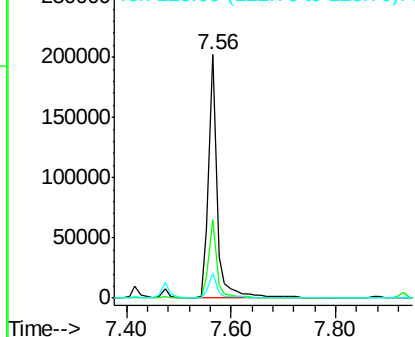


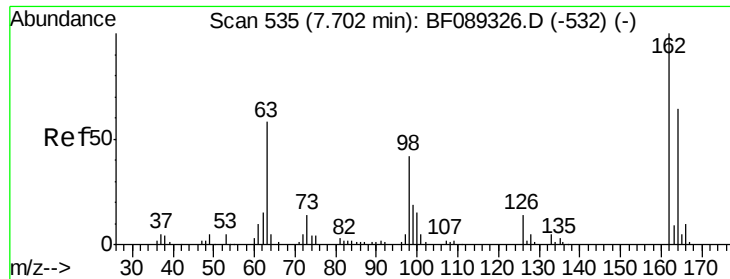
#28
 bis(2-Chloroethoxy)methane
 Concen: 62.76 ng
 RT: 7.56 min Scan# 523
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion: 93 Resp: 235185
 Ion Ratio Lower Upper
 93 100
 95 32.1 24.7 37.1
 123 10.4 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

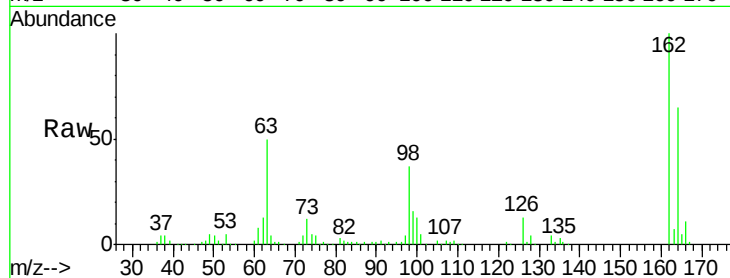




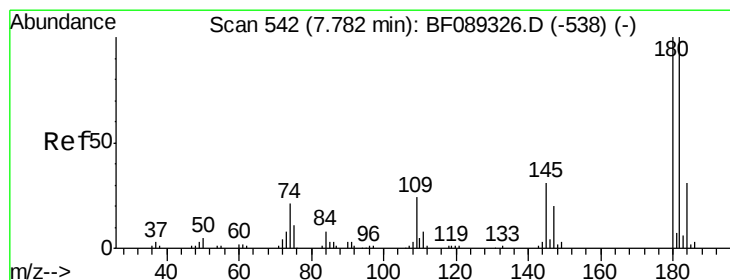
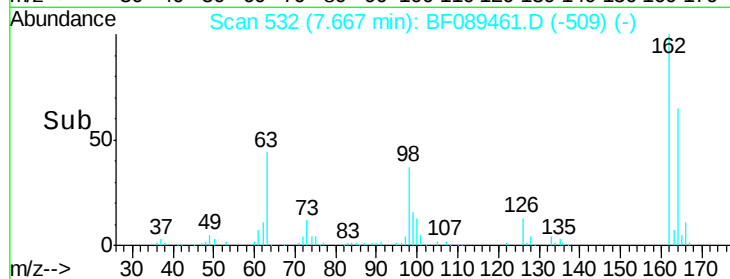
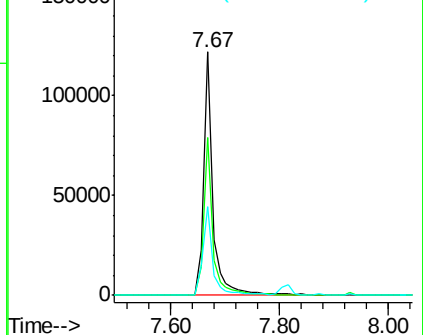
#29
2,4-Dichlorophenol
Concen: 57.50 ng
RT: 7.67 min Scan# 532
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.0	84.0
98	36.5	21.8	61.8

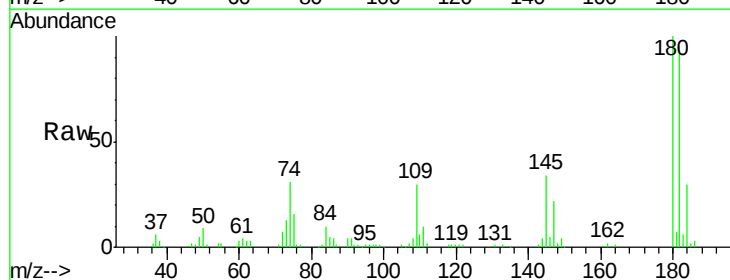


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

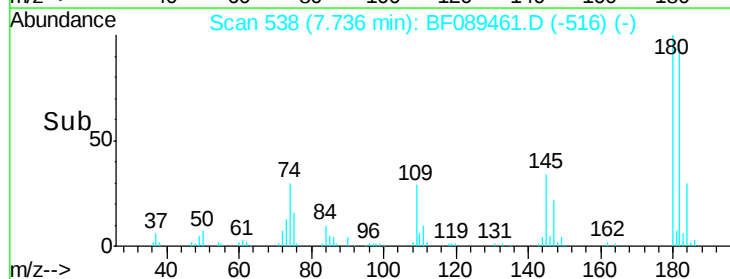
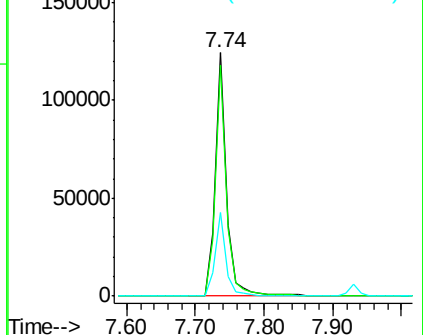


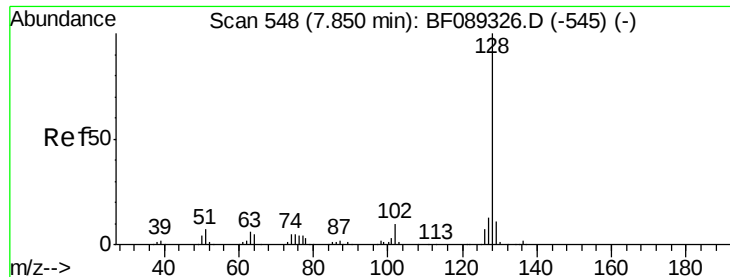
#30
1,2,4-Trichlorobenzene
Concen: 51.41 ng
RT: 7.74 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.2	117.2
145	34.5	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

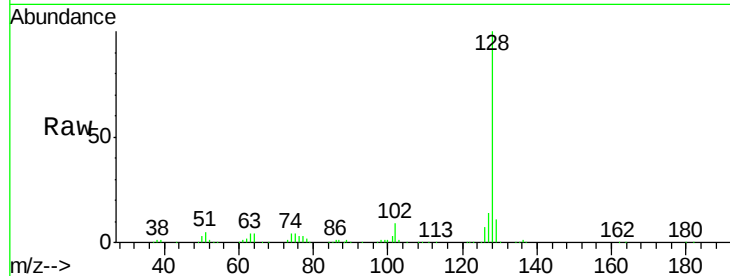




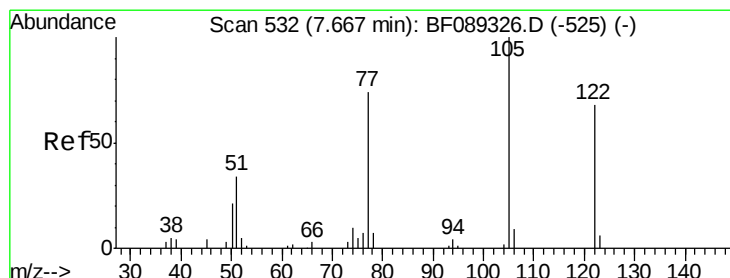
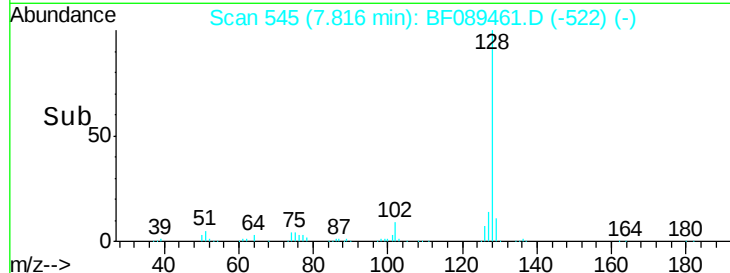
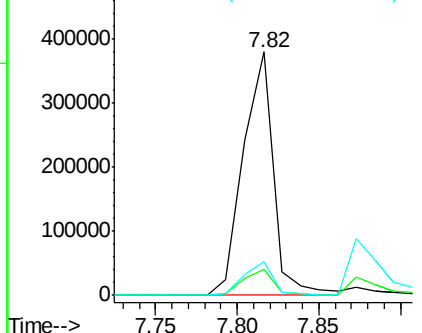
#31
Naphthalene
Concen: 49.87 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.7	10.8	16.2

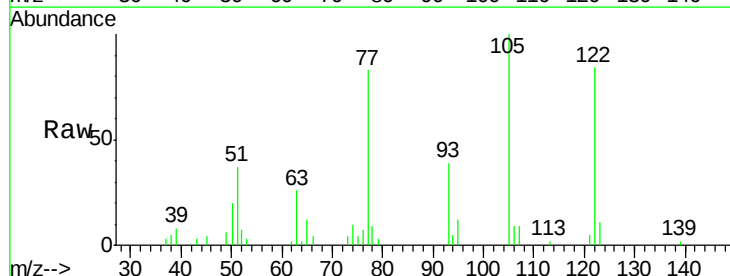


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

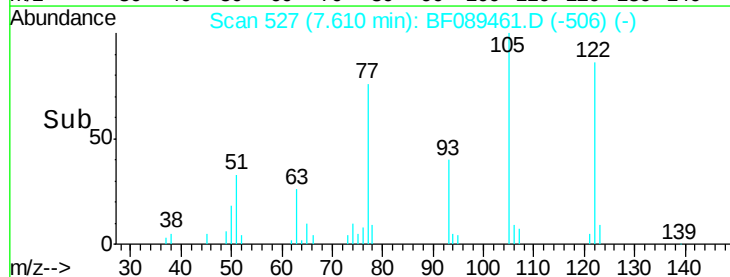
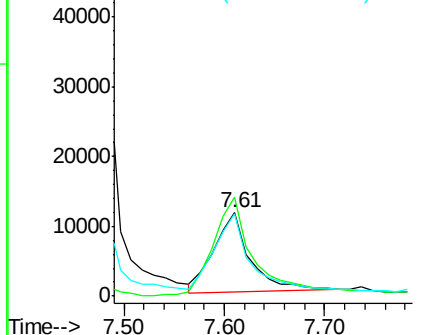


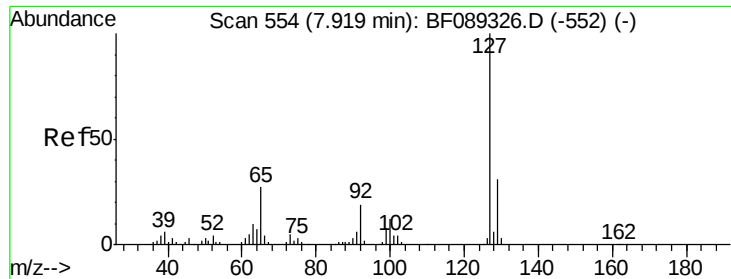
#32
Benzoic acid
Concen: 14.94 ng
RT: 7.61 min Scan# 527
Delta R.T. -0.06 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.6	106.4	146.4
77	99.1	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

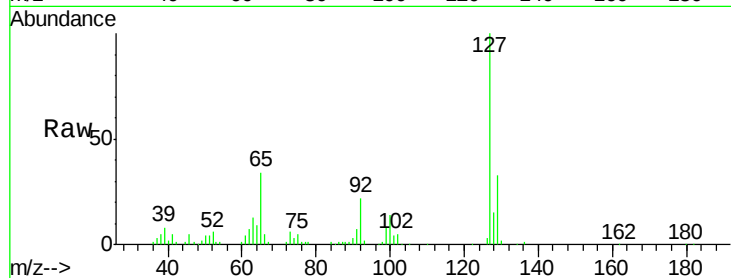




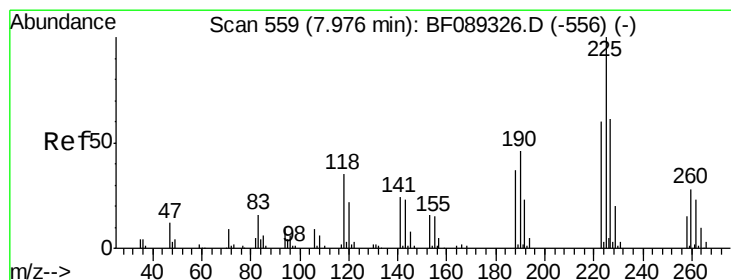
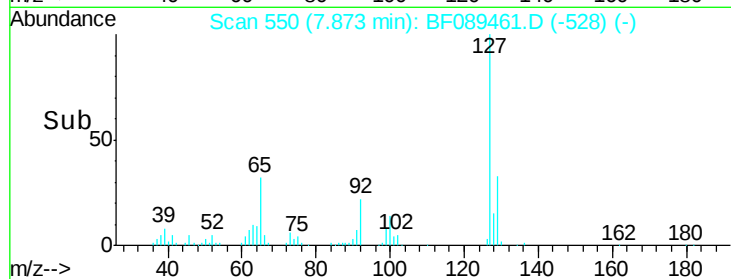
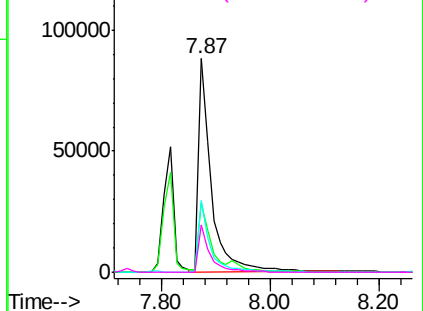
#33
4-Chloroaniline
Concen: 38.37 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	33.7	22.0	33.0
92	22.1	15.2	22.8

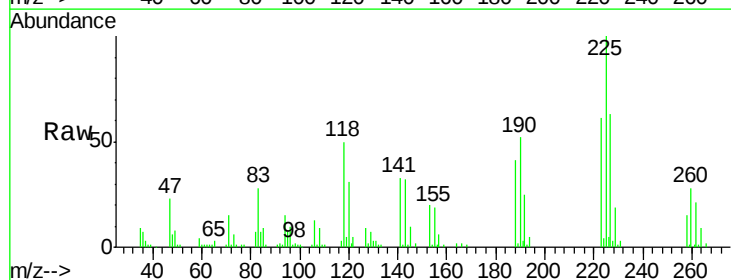


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

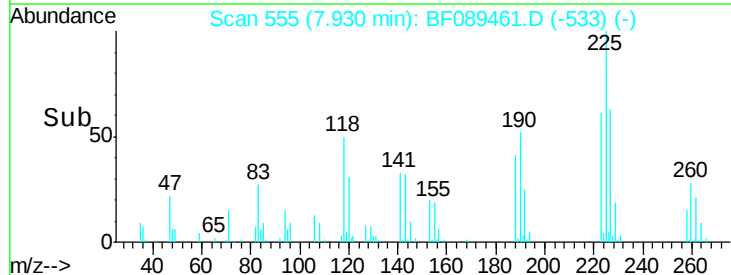
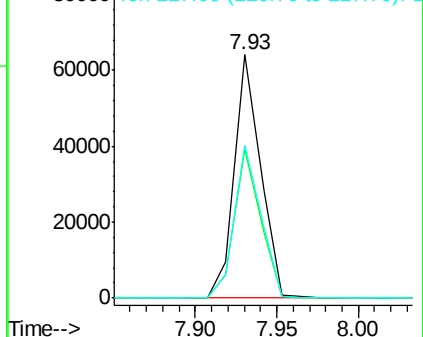


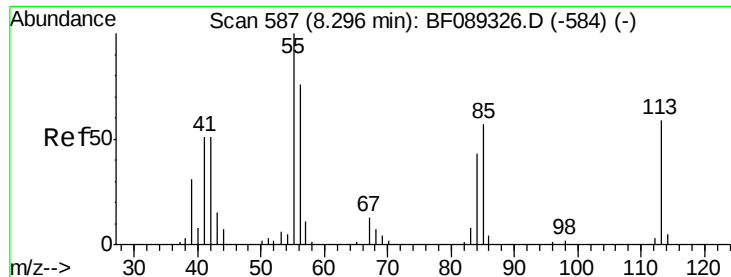
#34
Hexachlorobutadiene
Concen: 43.63 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	49.8	74.8
227	62.5	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

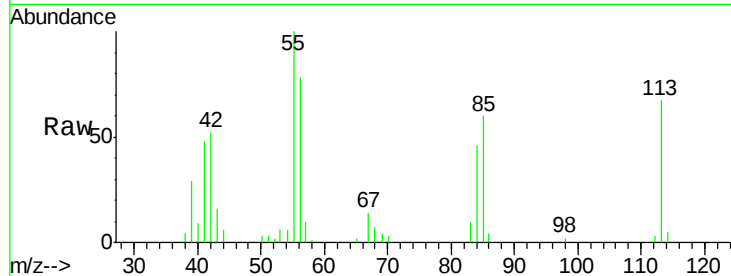




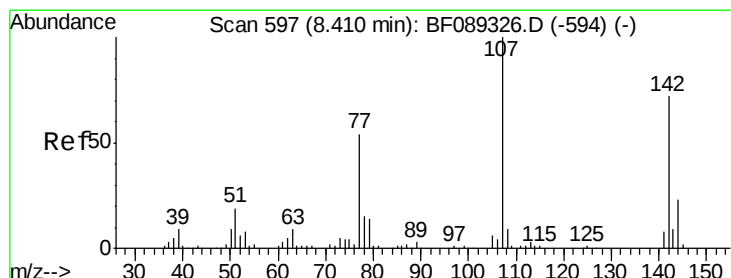
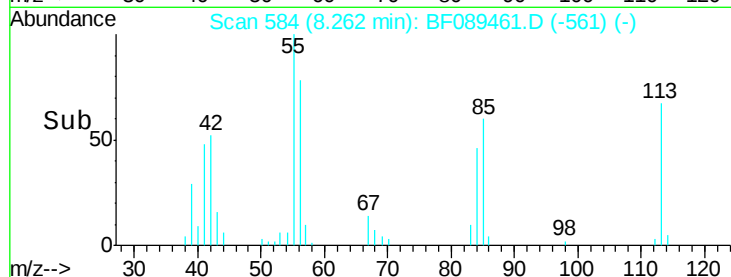
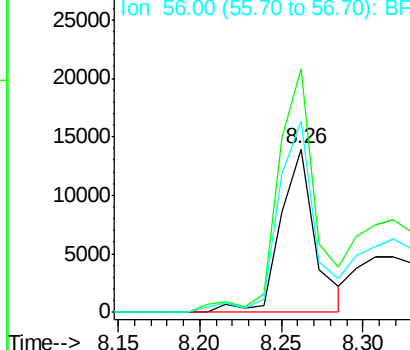
#35
 Caprolactam
 Concen: 27.56 ng
 RT: 8.26 min Scan# 584
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 20652
 Ion Ratio Lower Upper
 113 100
 55 149.3 142.3 182.3
 56 117.0 105.8 145.8

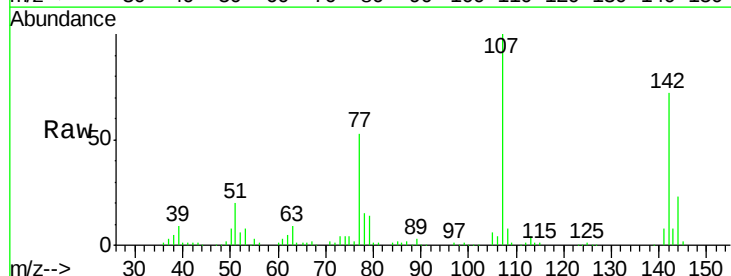


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

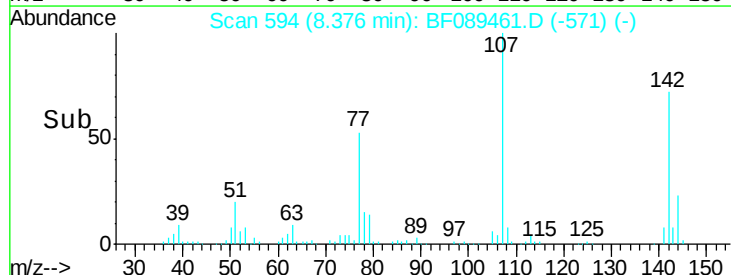
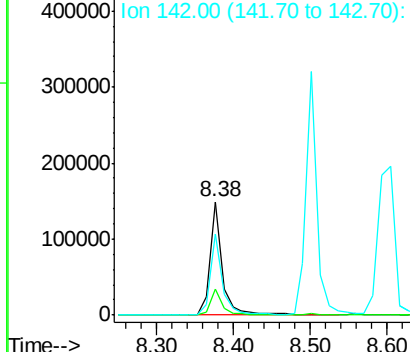


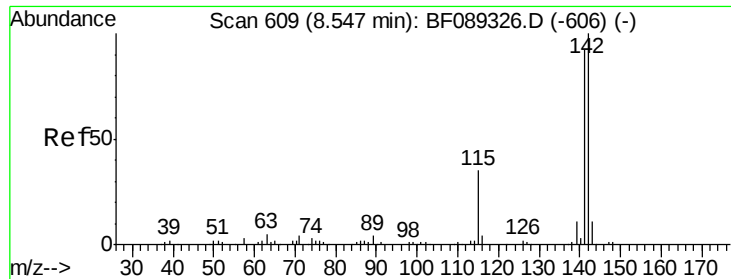
#36
 4-Chloro-3-methylphenol
 Concen: 56.26 ng
 RT: 8.38 min Scan# 594
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:107 Resp: 165970
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.4 27.6
 142 71.8 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

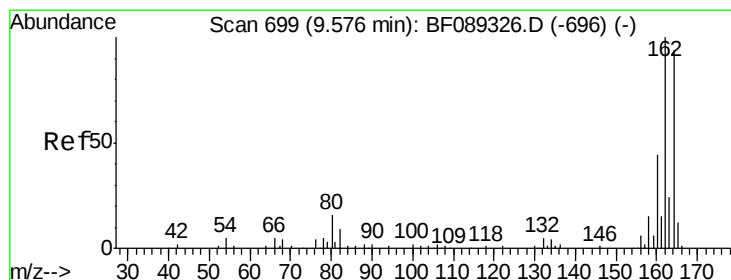
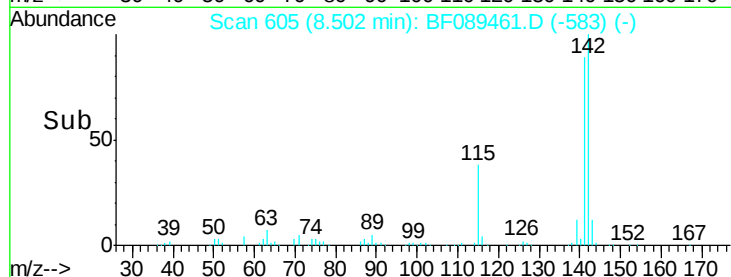
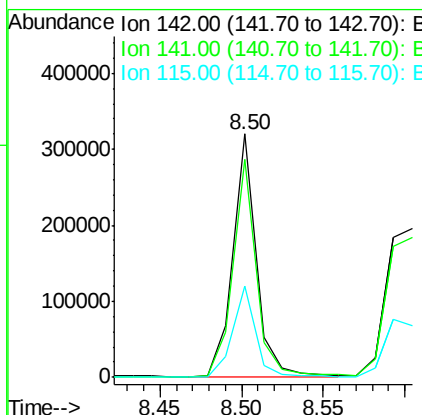
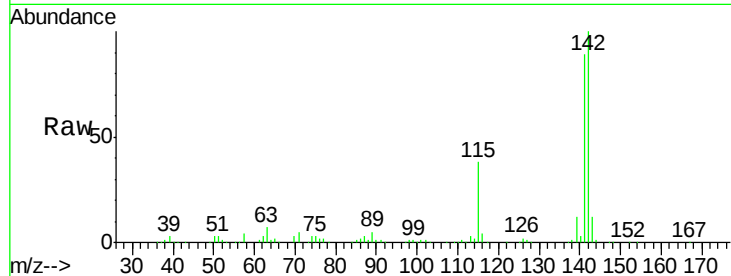




#37
 2-Methylnaphthalene
 Concen: 53.91 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

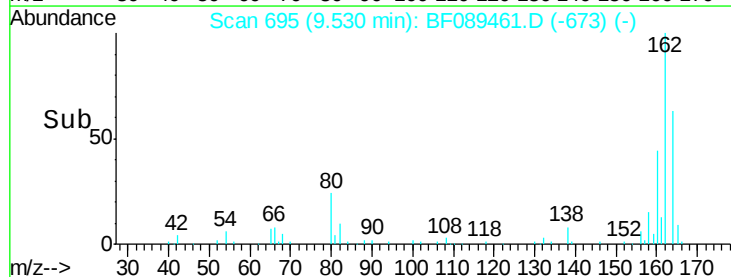
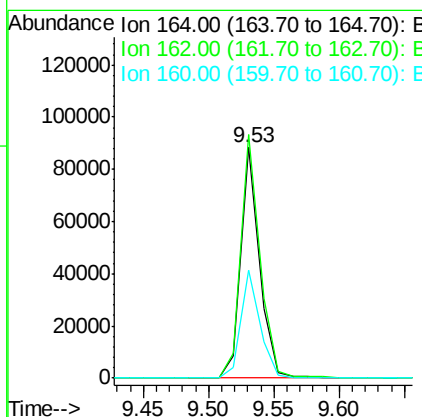
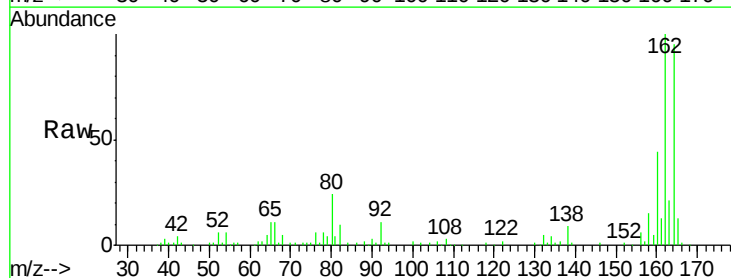
Instrument :
 BNA_F
 ClientSampleId :

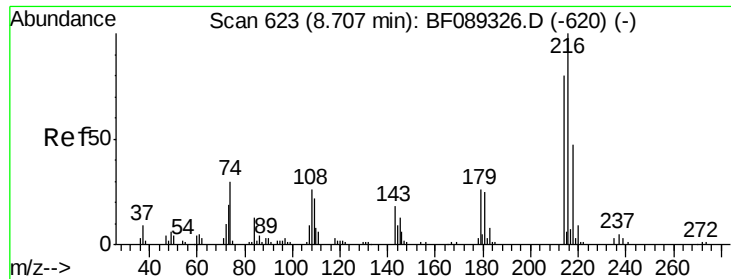
Tot Ion:142 Resp: 319077
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.9 106.3
 115 37.7 27.6 41.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.53 min Scan# 695
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:164 Resp: 87163
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.7 125.5
 160 46.6 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.50 ng

RT: 8.67 min Scan# 620

Delta R.T. -0.03 min

Lab File: BF089461.D

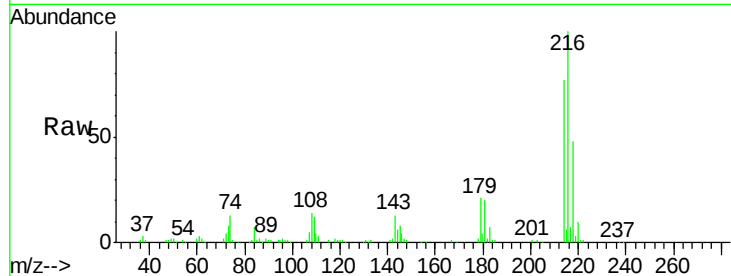
Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216	Resp:	126577
Ion Ratio	Lower	Upper
216	100	
214	77.6	63.3 94.9
179	21.8	18.1 27.1
108	20.5	17.2 25.8

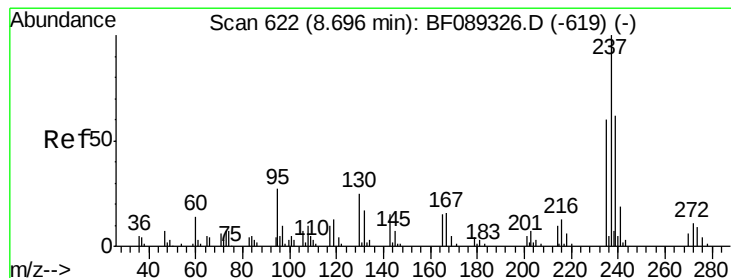
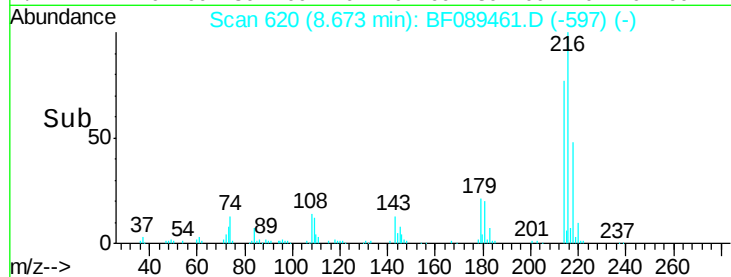
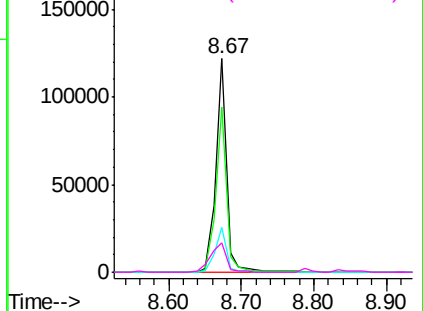


Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.51 ng

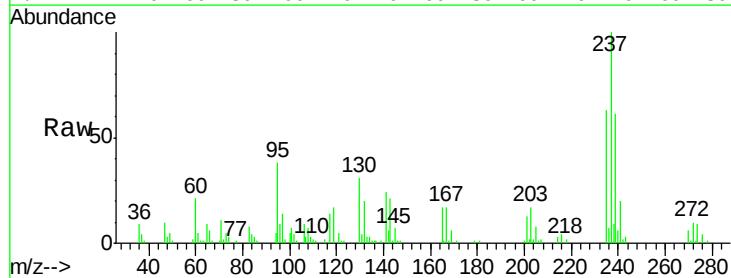
RT: 8.65 min Scan# 618

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

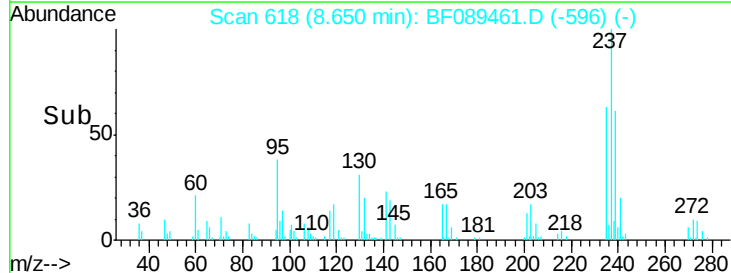
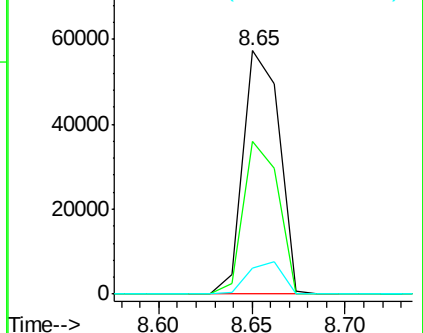
Tgt Ion:237	Resp:	76903
Ion Ratio	Lower	Upper
237	100	
235	62.7	41.6 81.6
272	10.5	0.0 30.8

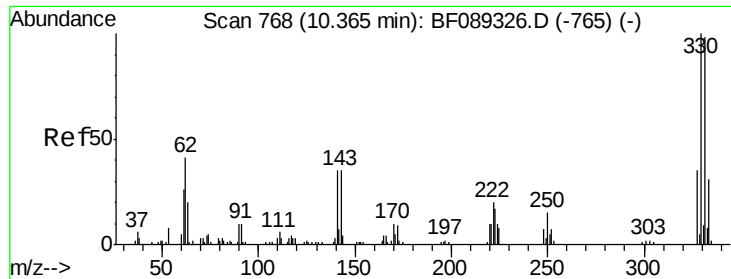


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

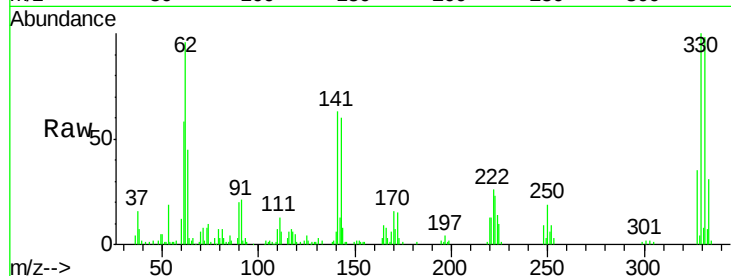




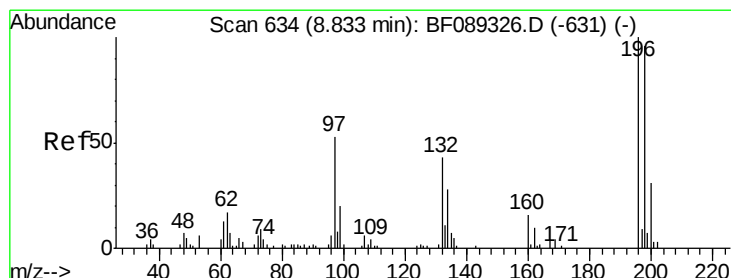
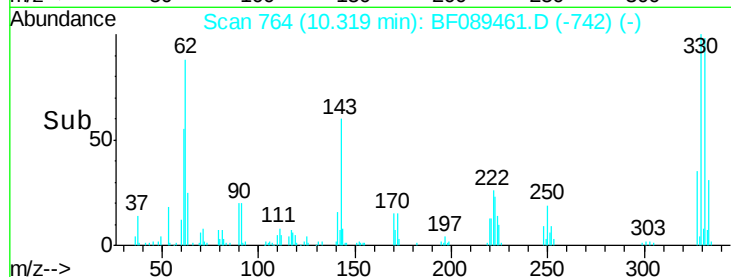
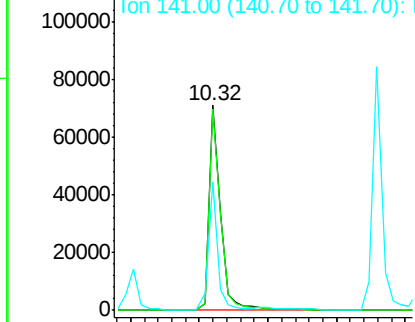
#41
 2,4,6-Tribromophenol
 Concen: 116.50 ng
 RT: 10.32 min Scan# 764
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 84102
 Ion Ratio Lower Upper
 330 100
 332 98.3 76.8 115.2
 141 50.7 37.3 55.9

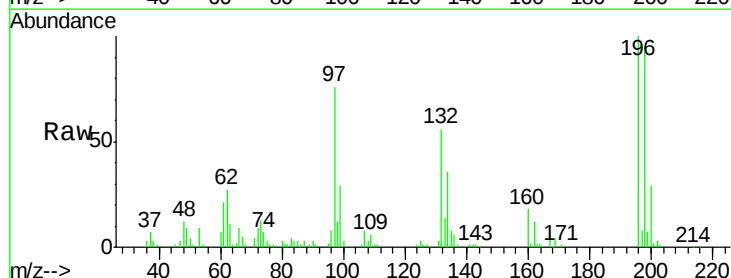


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

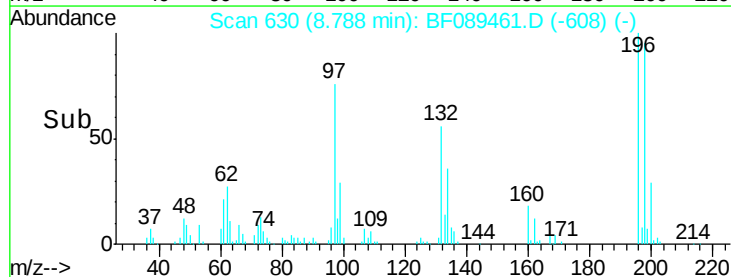
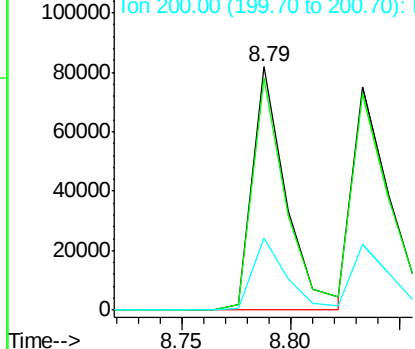


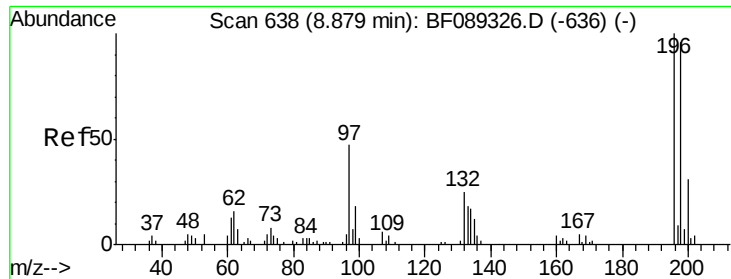
#42
 2,4,6-Trichlorophenol
 Concen: 60.88 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:196 Resp: 88295
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.5 113.3
 200 29.4 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

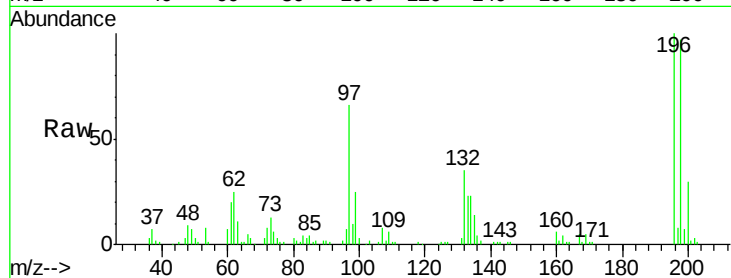




#43
 2,4,5-Trichlorophenol
 Concen: 55.62 ng
 RT: 8.83 min Scan# 634
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.7	118.1
97	65.7	39.7	59.5
132	35.2	22.8	34.2



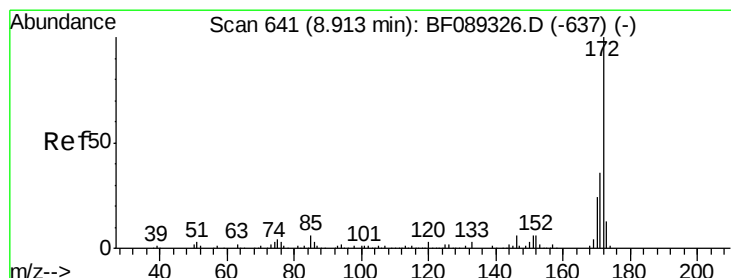
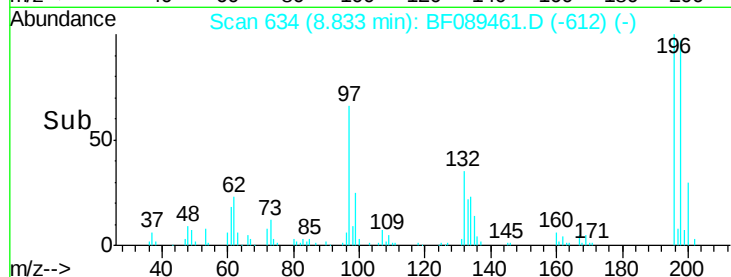
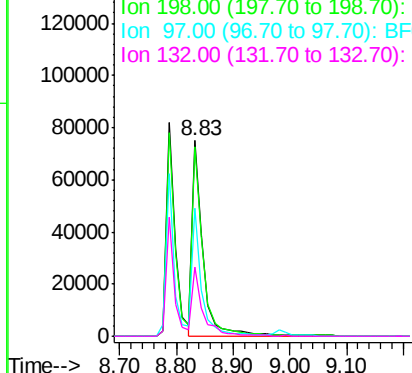
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

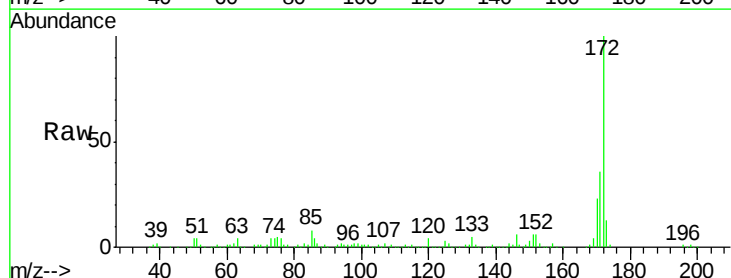
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.91 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.2	43.8
170	23.3	19.2	28.8

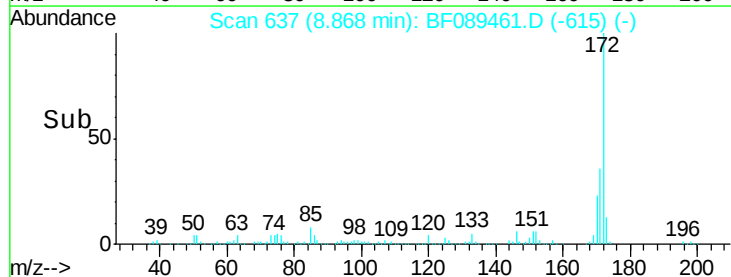
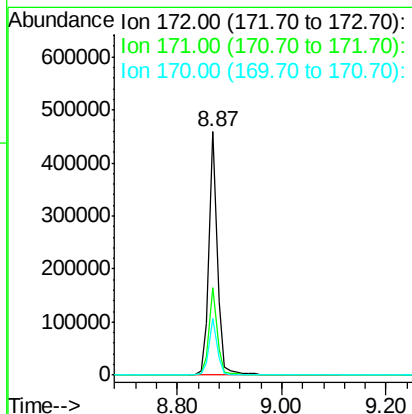


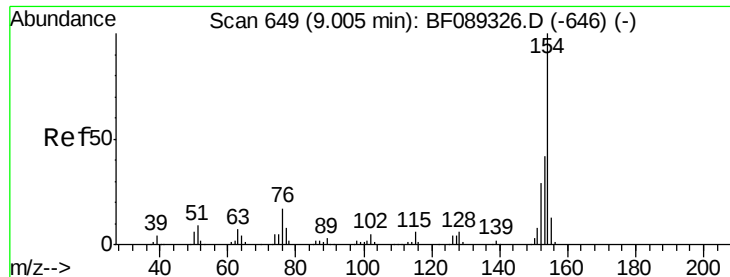
Abundance

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

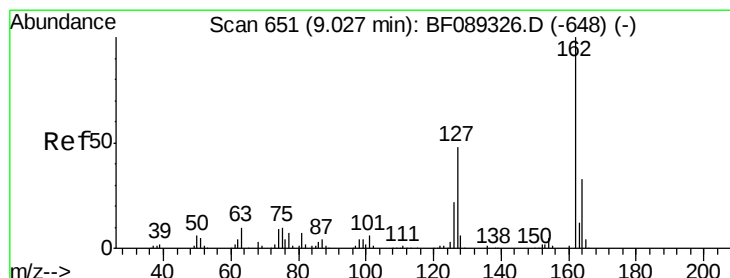
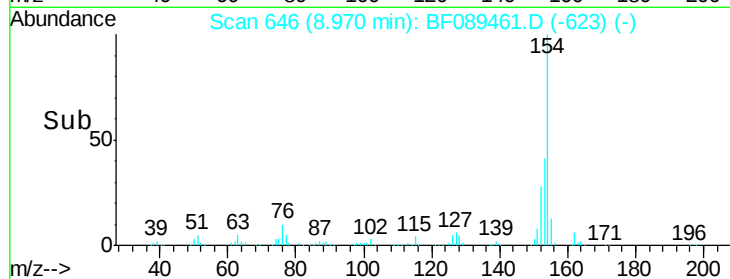
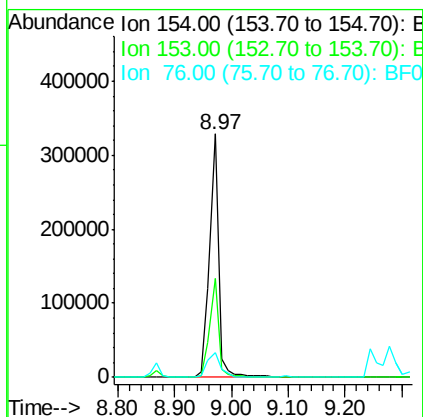
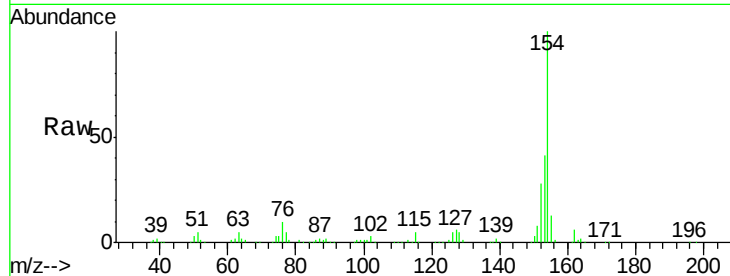




#45
 1,1'-Biphenyl
 Concen: 47.18 ng
 RT: 8.97 min Scan# 646
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

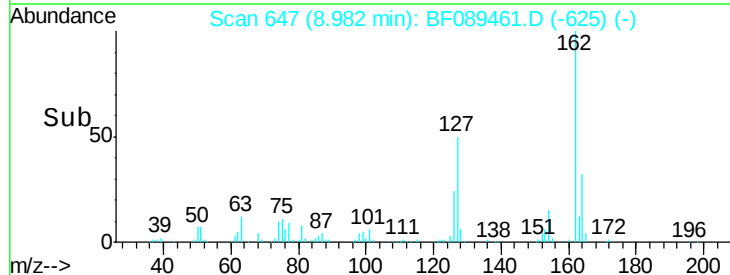
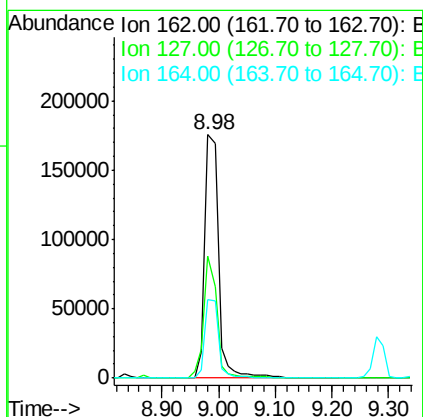
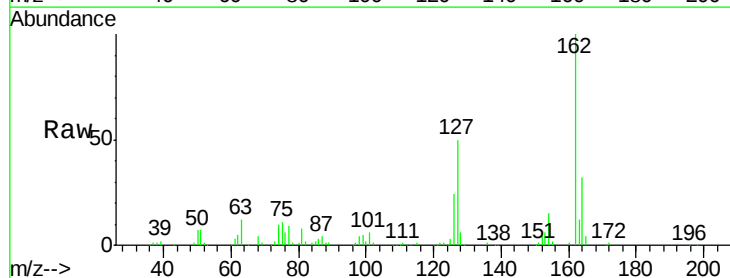
Instrument :
 BNA_F
 ClientSampleId :

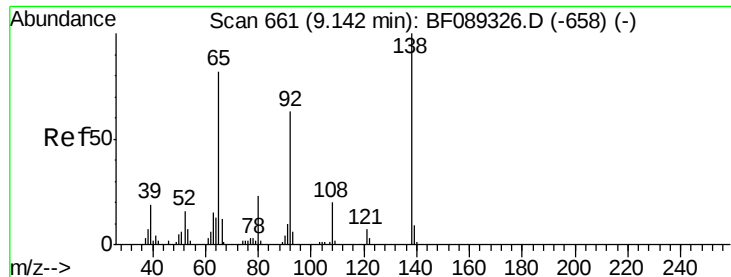
Tot Ion:154 Resp: 350161
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.0 61.0
 76 10.1 0.0 36.6



#46
 2-Chloronaphthalene
 Concen: 51.20 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:162 Resp: 285335
 Ion Ratio Lower Upper
 162 100
 127 49.9 37.8 56.8
 164 32.4 25.8 38.8

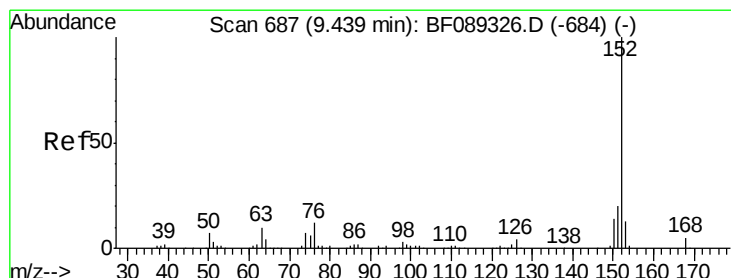
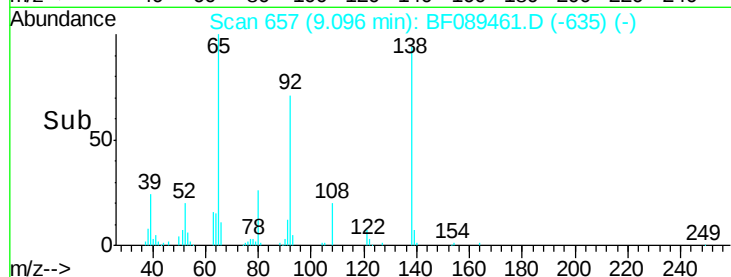
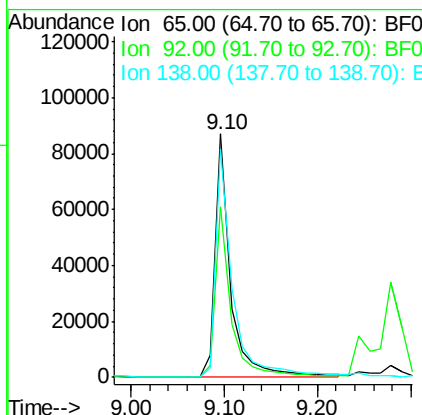
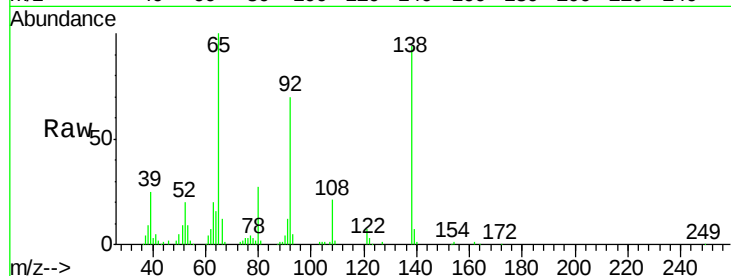




#47
2-Nitroaniline
Concen: 61.07 ng
RT: 9.10 min Scan# 657
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

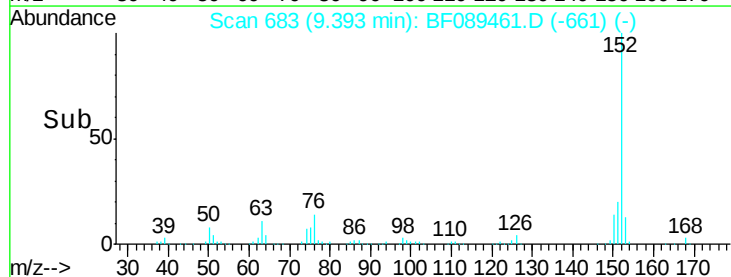
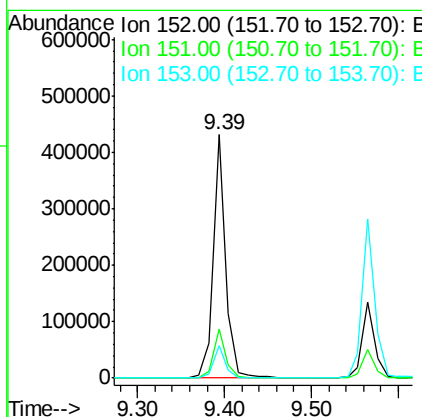
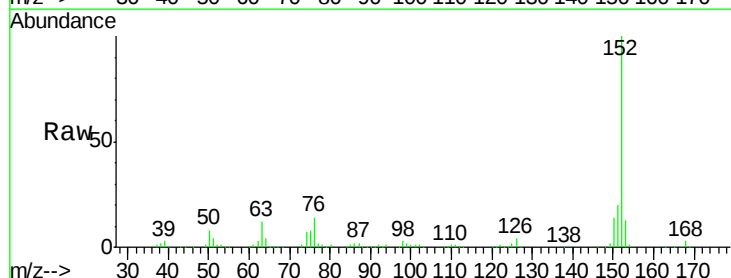
Instrument :
BNA_F
ClientSampleId :

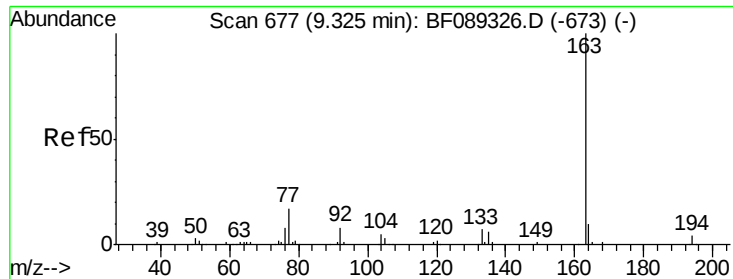
Tot Ion: 65 Resp: 100796
Ion Ratio Lower Upper
65 100
92 70.3 61.0 91.4
138 93.8 99.1 148.7#



#48
Acenaphthylene
Concen: 49.96 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion: 152 Resp: 438635
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.2 10.2 15.4

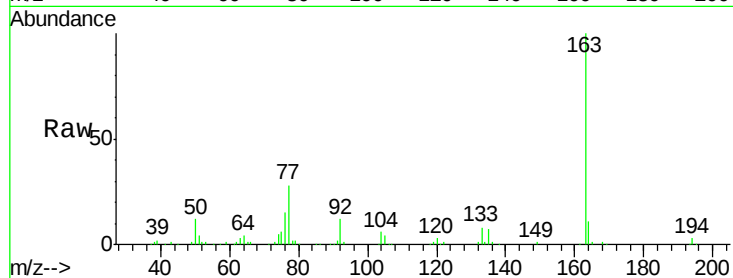




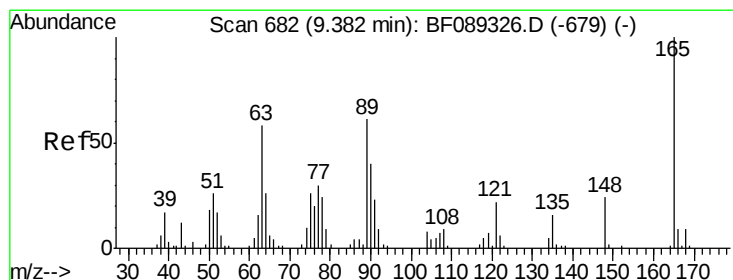
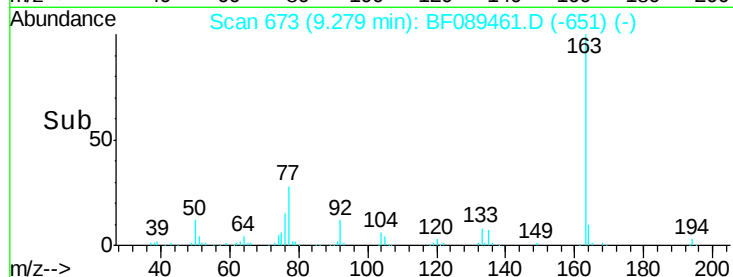
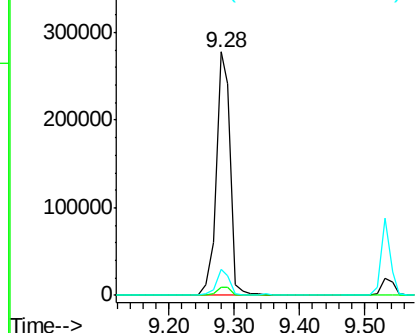
#49
Dimethylphthalate
Concen: 63.95 ng
RT: 9.28 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 424245
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.6 7.8 11.8

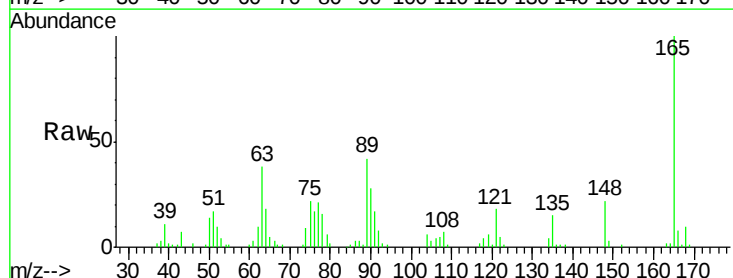


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

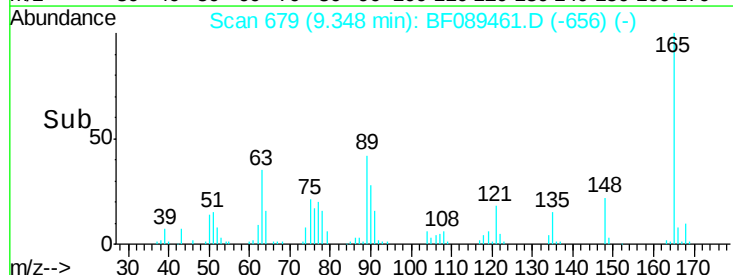
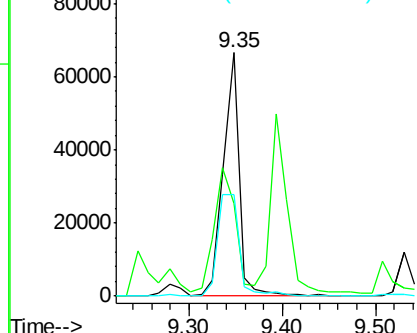


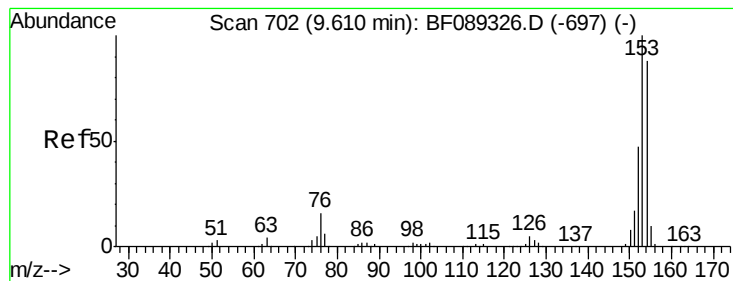
#50
2,6-Dinitrotoluene
Concen: 57.69 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:165 Resp: 78638
Ion Ratio Lower Upper
165 100
63 38.3 43.5 65.3#
89 41.7 45.0 67.4#



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





#51

Acenaphthene

Concen: 48.87 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

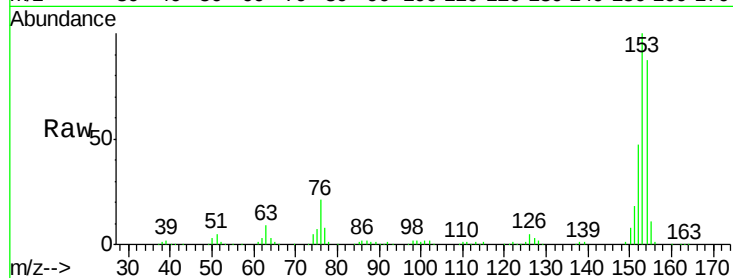
Tot Ion:154 Resp: 250515

Ion Ratio Lower Upper

154 100

153 114.5 91.4 137.2

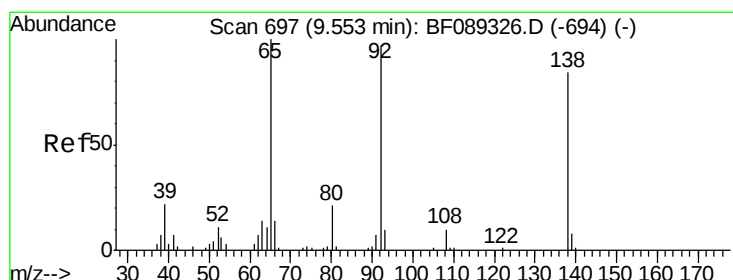
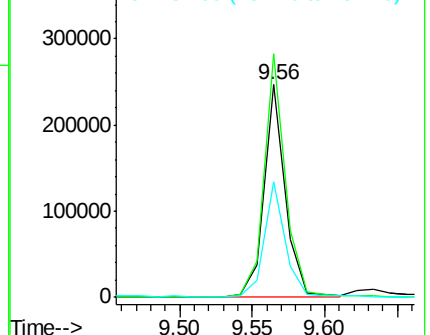
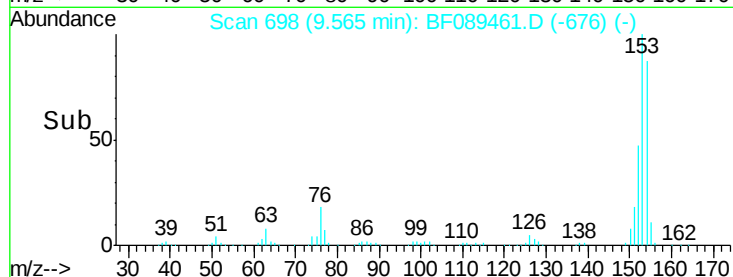
152 54.3 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 43.34 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

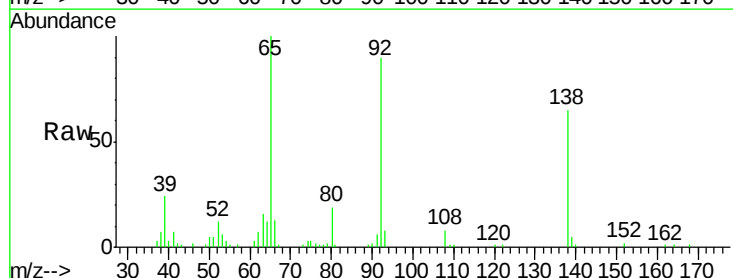
Tgt Ion:138 Resp: 62342

Ion Ratio Lower Upper

138 100

108 13.0 8.6 13.0

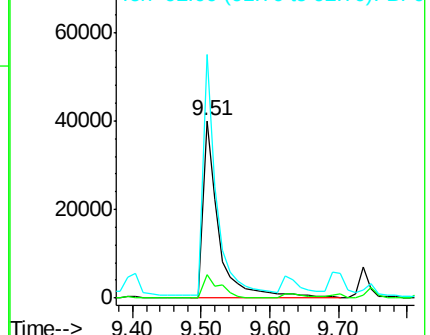
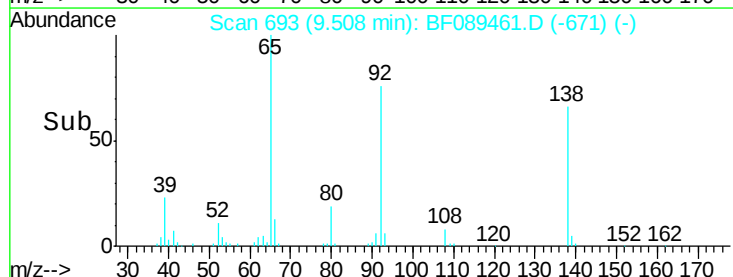
92 137.3 90.0 135.0#

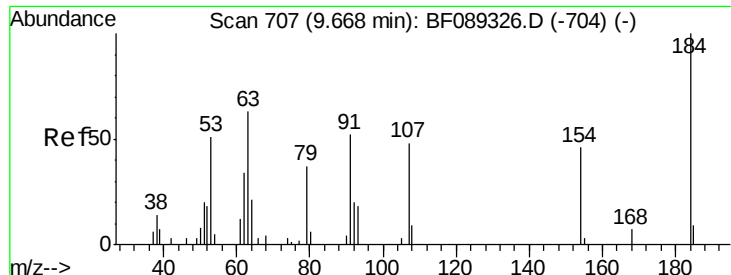


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

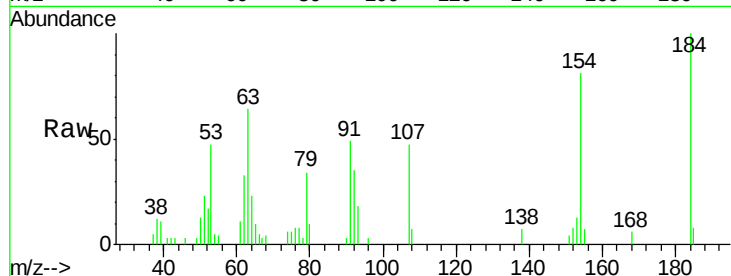




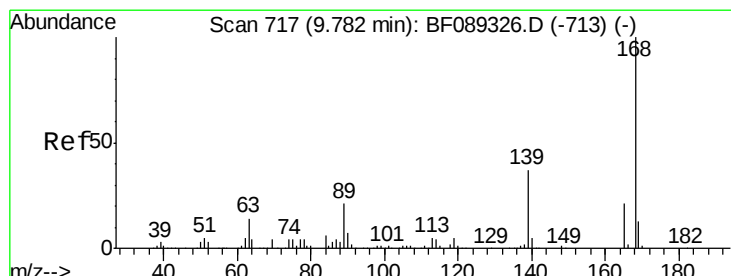
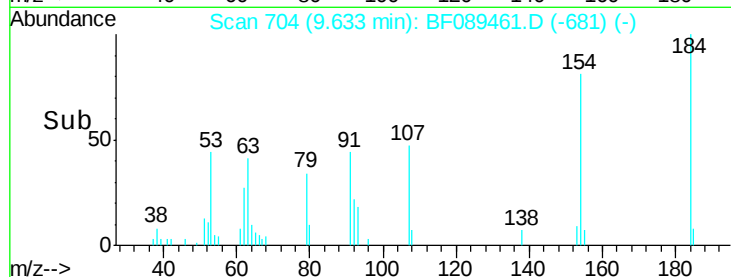
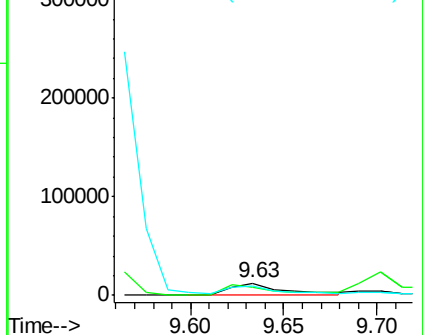
#53
2,4-Dinitrophenol
Concen: 49.88 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 24804
Ion Ratio Lower Upper
184 100
63 64.2 60.6 90.8
154 80.7 69.8 104.8

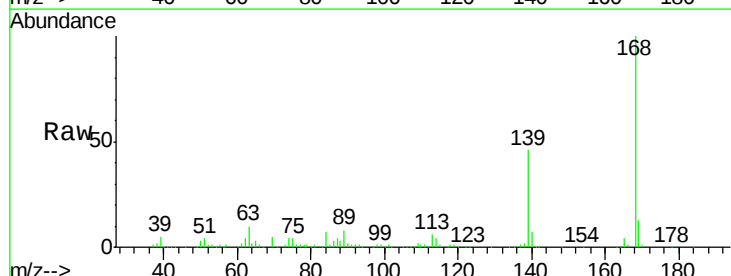


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

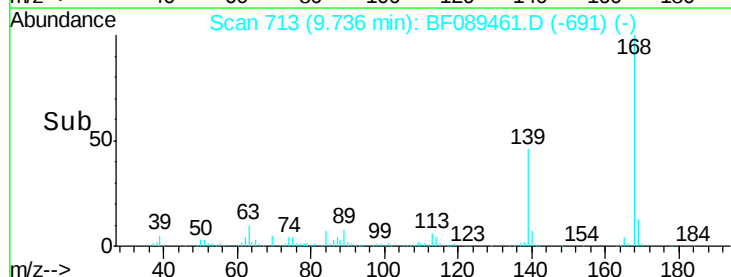
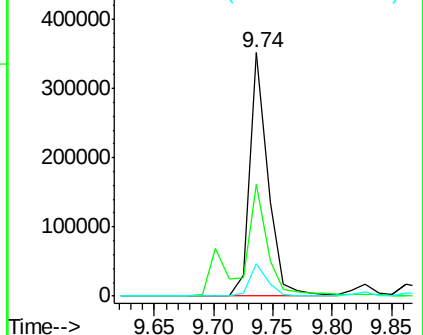


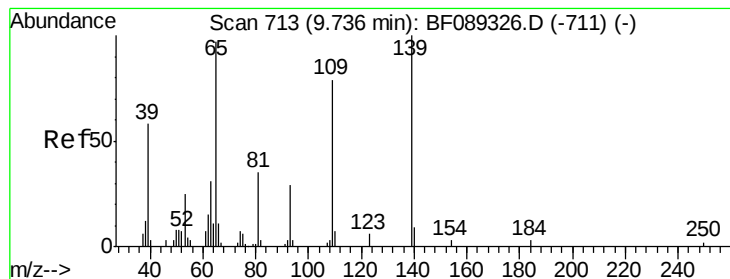
#54
Dibenzofuran
Concen: 54.40 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:168 Resp: 380006
Ion Ratio Lower Upper
168 100
139 45.7 33.7 50.5
169 13.4 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: 345.35 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

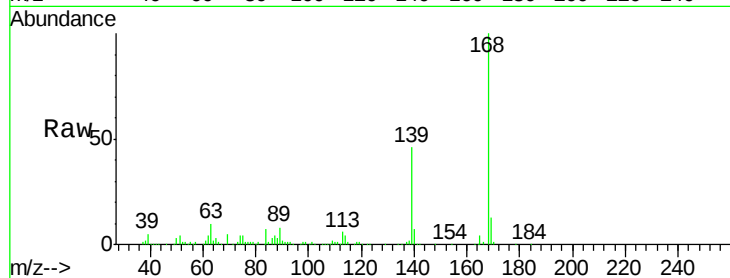
Tot Ion:139 Resp: 257502

Ion Ratio Lower Upper

139 100

109 4.2 57.8 97.8#

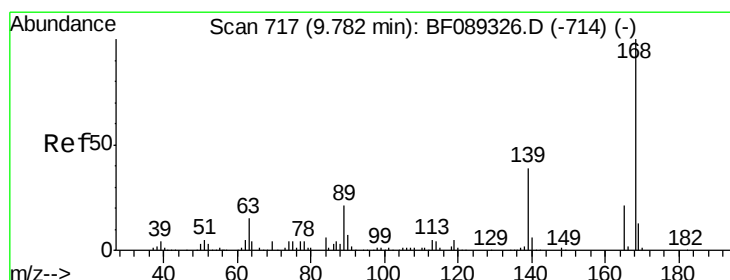
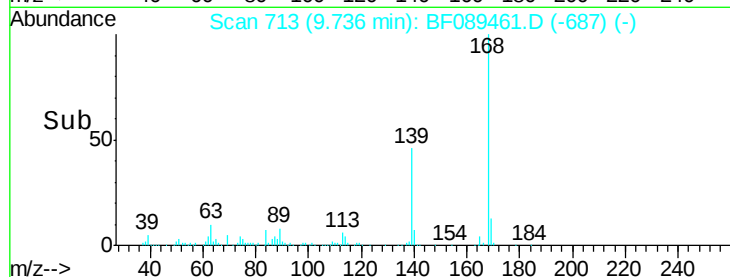
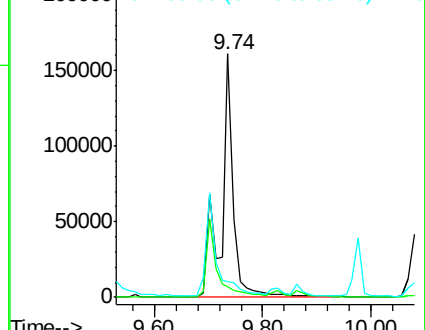
65 6.2 81.7 121.7#



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: 57.73 ng

RT: 9.75 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Tgt Ion:165 Resp: 103583

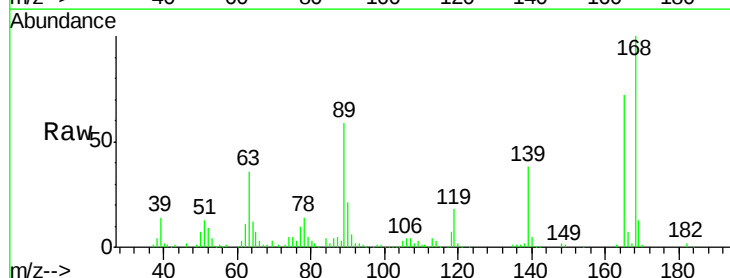
Ion Ratio Lower Upper

165 100

63 50.1 58.2 87.2#

89 81.2 79.1 118.7

182 2.4 1.8 2.8

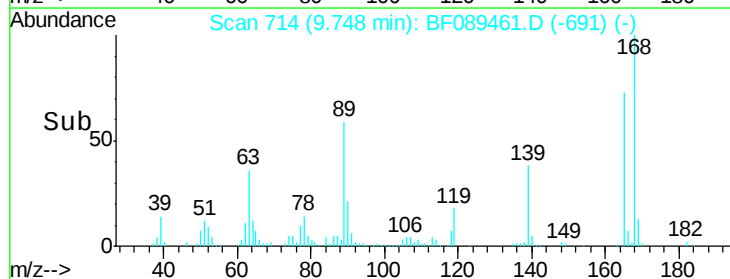
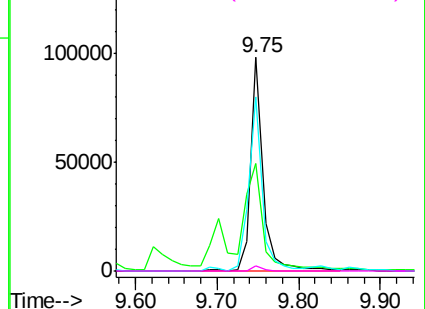


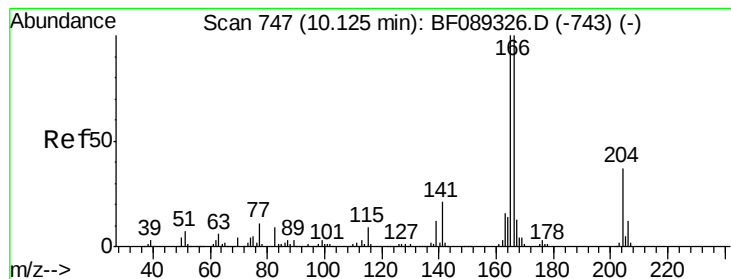
Abundance Ion 165.00 (164.70 to 165.70): E

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: 51.35 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

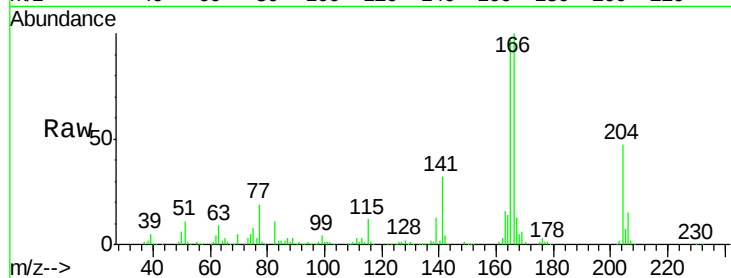
Tot Ion:166 Resp: 313170

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.4

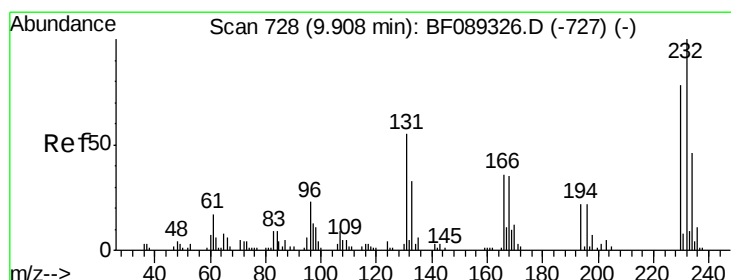
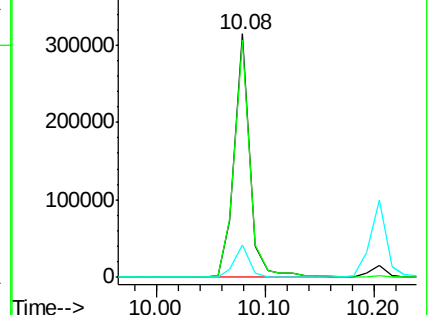
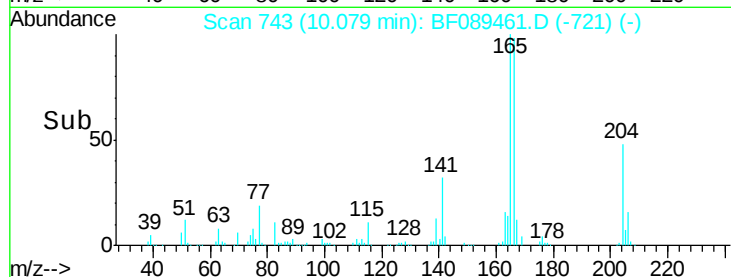
167 13.4 10.2 15.2



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: 59.56 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Tgt Ion:232 Resp: 73048

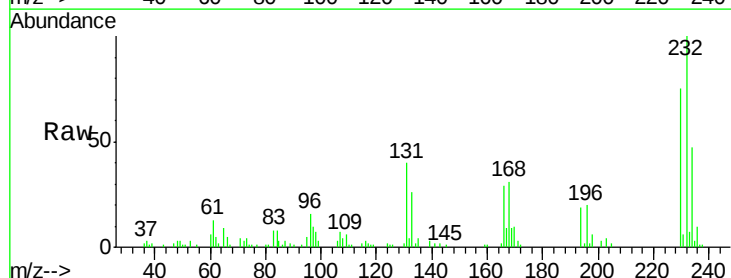
Ion Ratio Lower Upper

232 100

131 54.5 42.7 64.1

130 2.6 1.7 2.5#

166 32.0 25.7 38.5

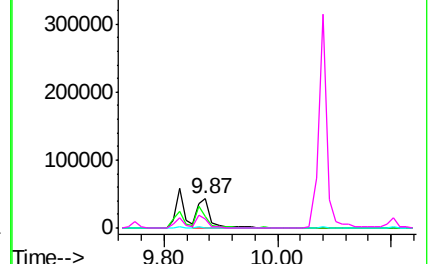
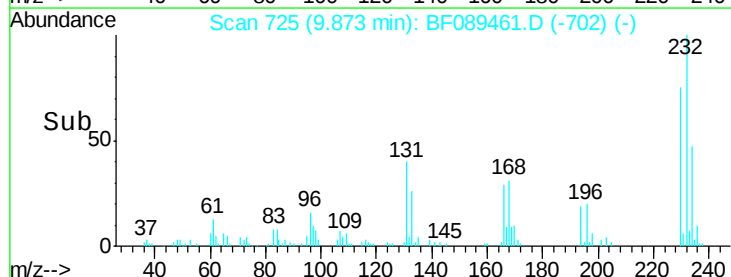


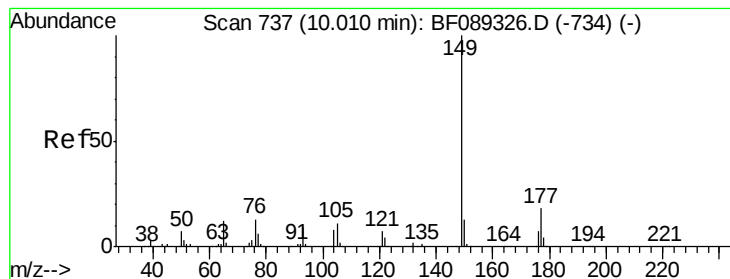
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.92 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampled :

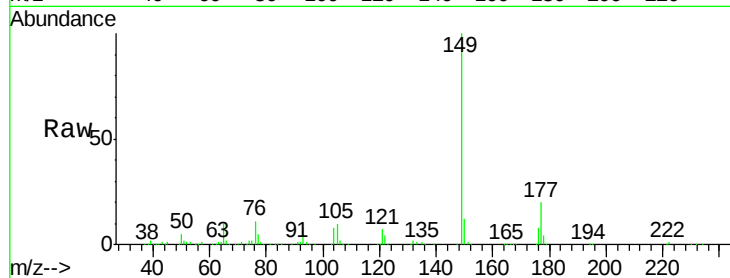
Tot Ion:149 Resp: 349178

Ion Ratio Lower Upper

149 100

177 19.8 15.1 22.7

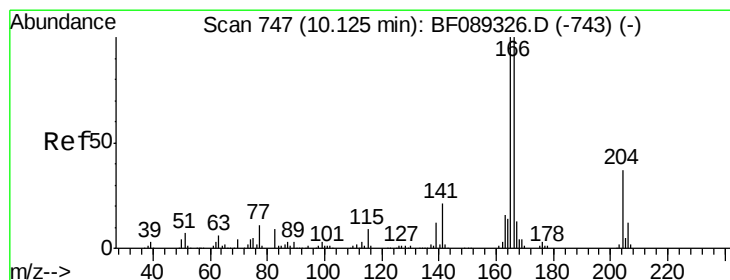
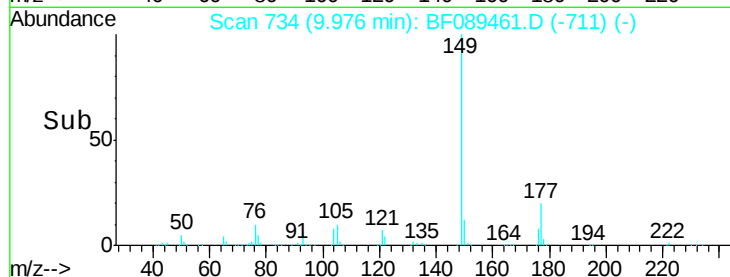
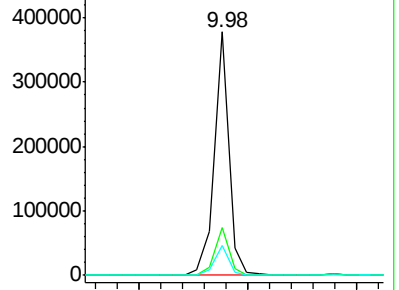
150 12.5 10.2 15.4



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: 51.08 ng

RT: 10.08 min Scan# 743

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

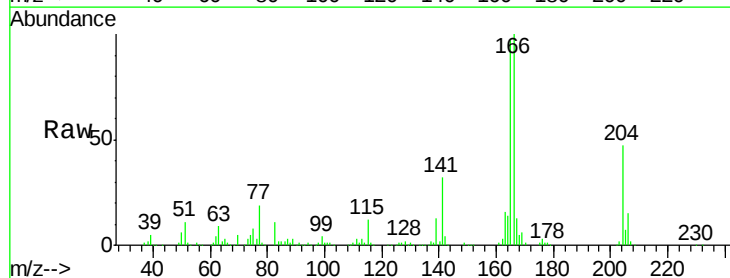
Tgt Ion:204 Resp: 142868

Ion Ratio Lower Upper

204 100

206 32.4 26.6 39.8

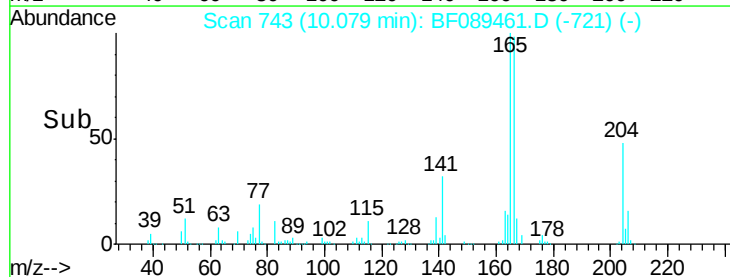
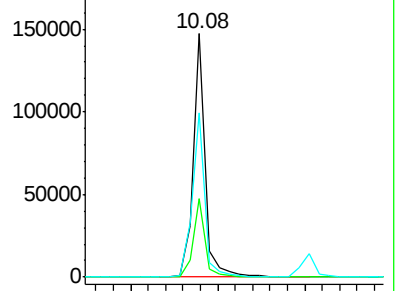
141 67.3 46.6 70.0

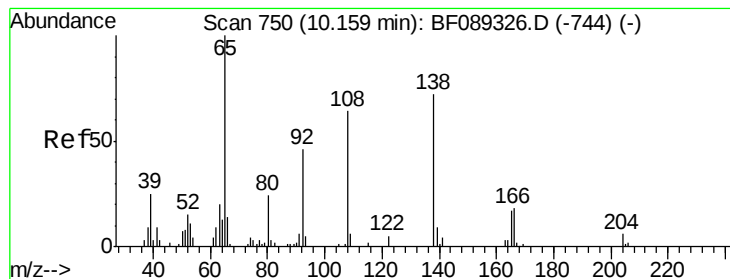


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 48.42 ng

RT: 10.12 min Scan# 747

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

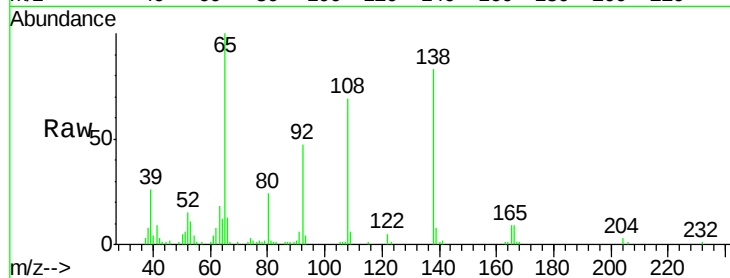
Tot Ion:138 Resp: 71787

Ion Ratio Lower Upper

138 100

92 56.8 41.2 81.2

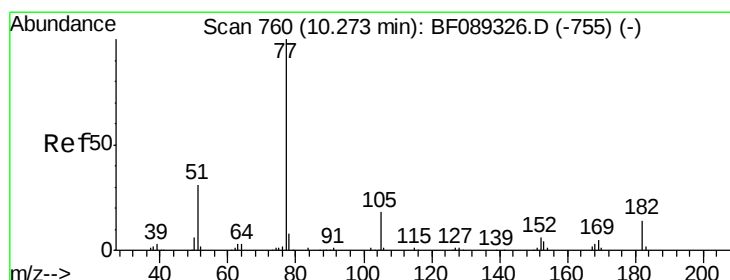
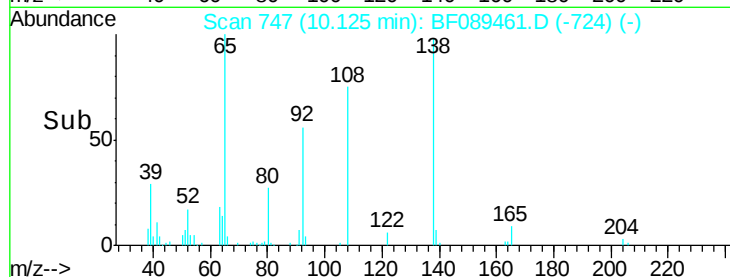
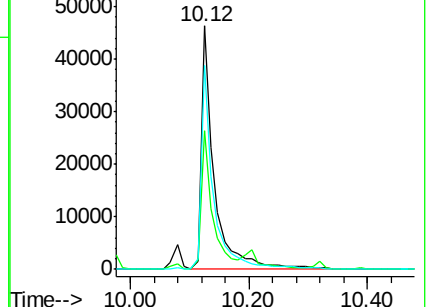
108 83.7 69.6 109.6



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: 55.44 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Tgt Ion: 77 Resp: 384001

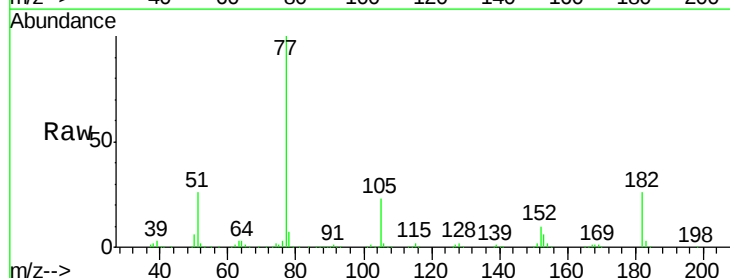
Ion Ratio Lower Upper

77 100

182 25.7 0.0 33.8

105 22.8 0.0 39.8

51 26.5 11.0 51.0

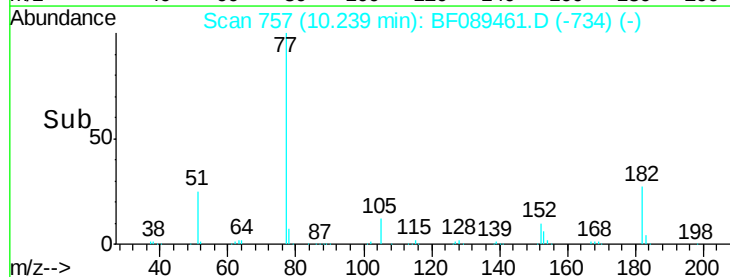
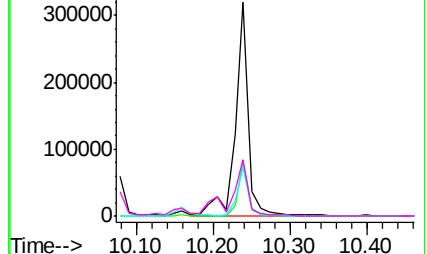


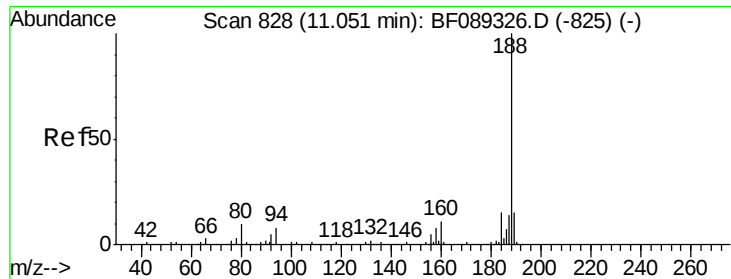
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

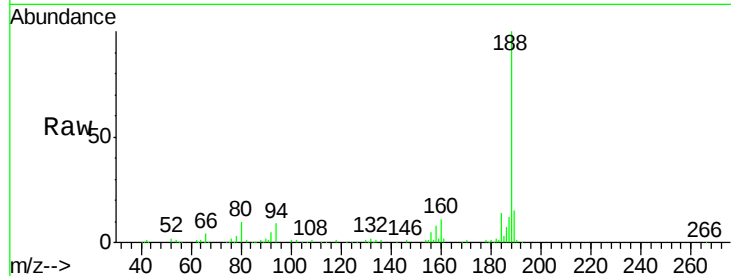




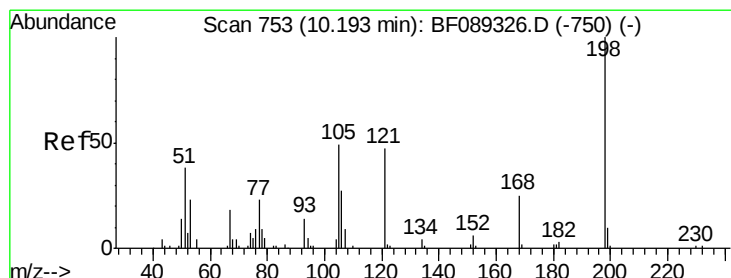
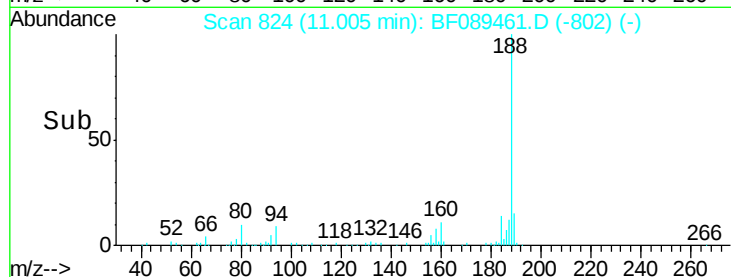
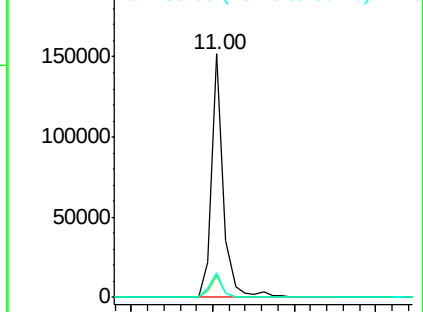
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 156068
Ion Ratio Lower Upper
188 100
94 9.3 6.5 9.7
80 10.1 7.2 10.8

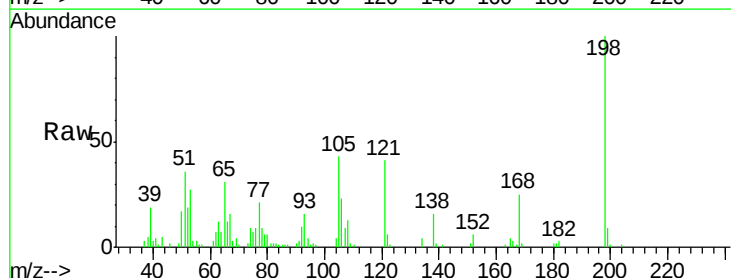


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

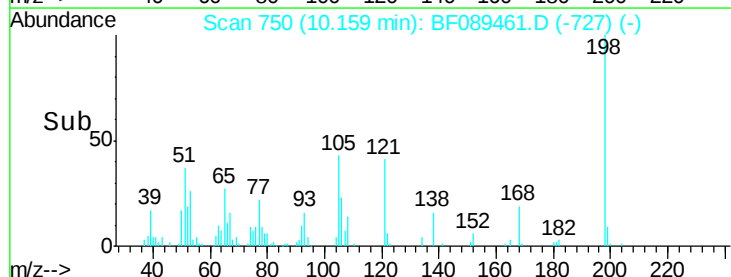
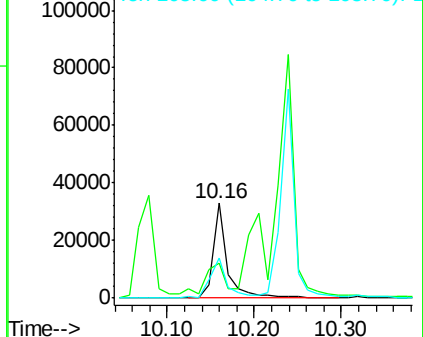


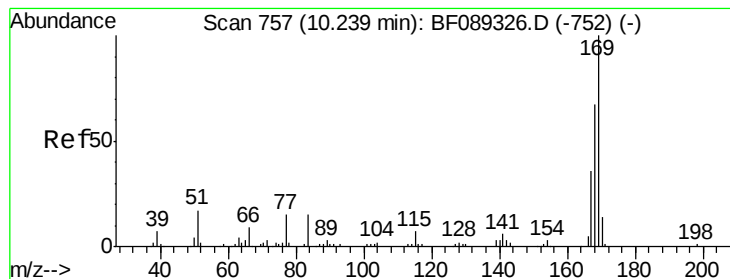
#64
4,6-Dinitro-2-methylphenol
Concen: 41.18 ng
RT: 10.16 min Scan# 750
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:198 Resp: 38150
Ion Ratio Lower Upper
198 100
51 36.2 23.0 63.0
105 42.6 28.3 68.3



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





#65

n-Nitrosodiphenylamine

Concen: 59.51 ng

RT: 10.20 min Scan# 754

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

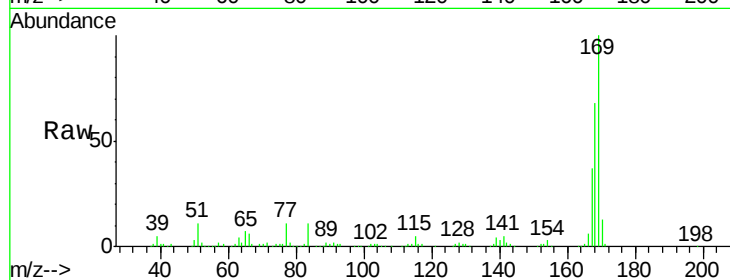
Tot Ion:169 Resp: 289810

Ion Ratio Lower Upper

169 100

168 68.2 55.4 83.0

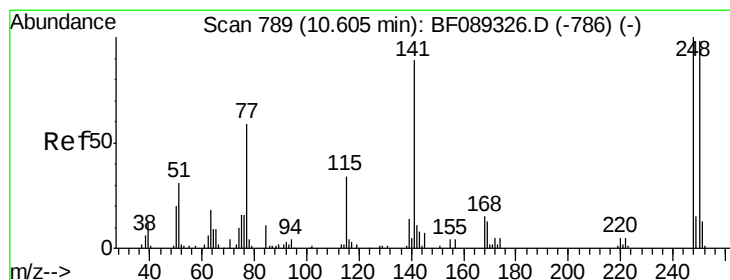
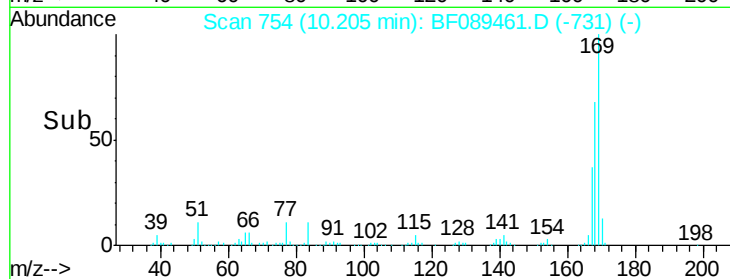
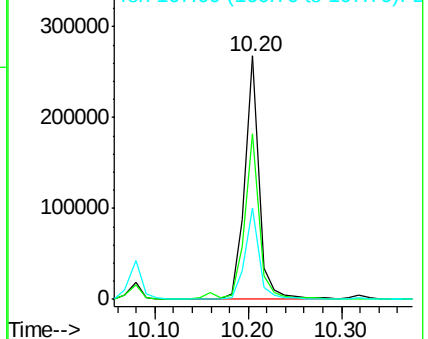
167 37.4 29.7 44.5



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: 54.57 ng

RT: 10.56 min Scan# 785

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

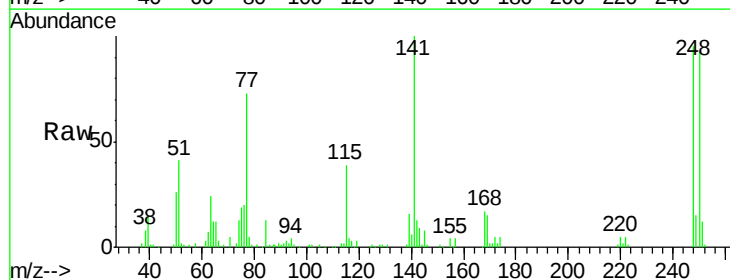
Tgt Ion:248 Resp: 81317

Ion Ratio Lower Upper

248 100

250 98.0 78.2 117.2

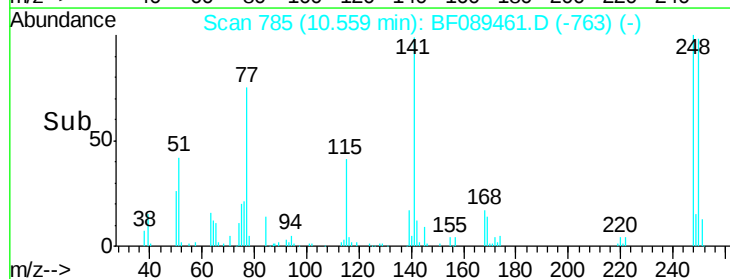
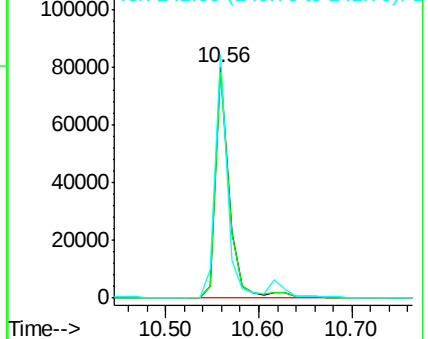
141 105.7 62.0 93.0#

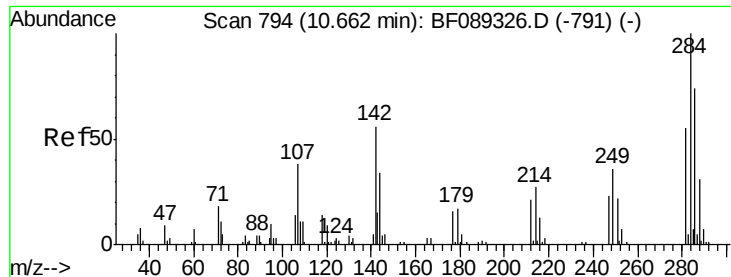


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

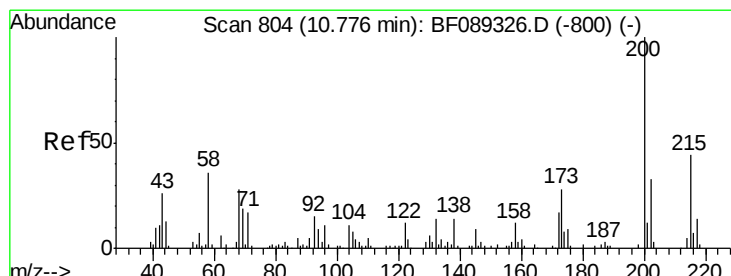
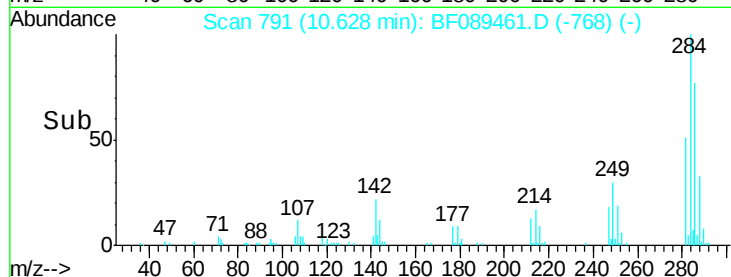
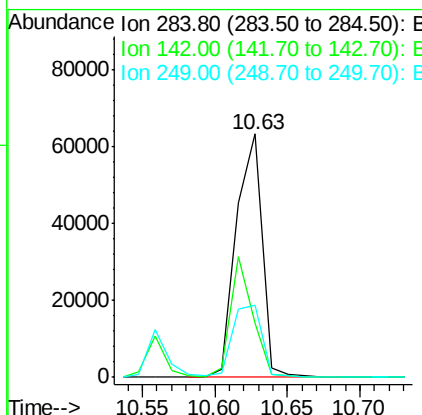
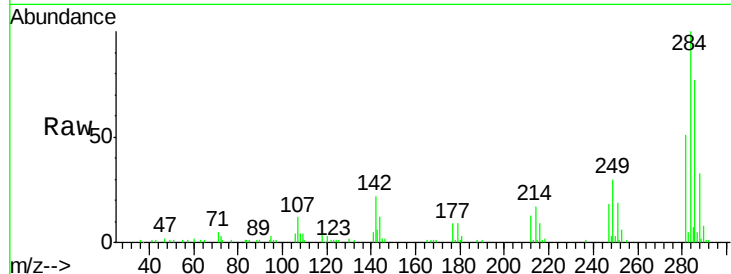




#67
Hexachlorobenzene
Concen: 51.45 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.03 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

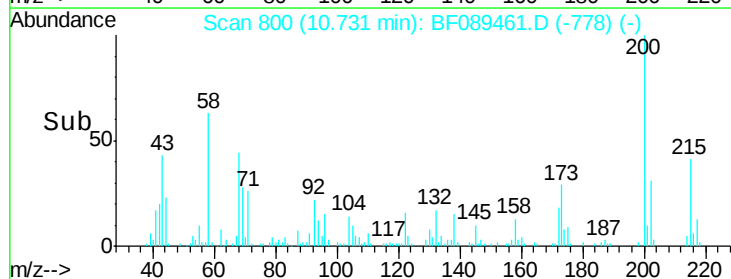
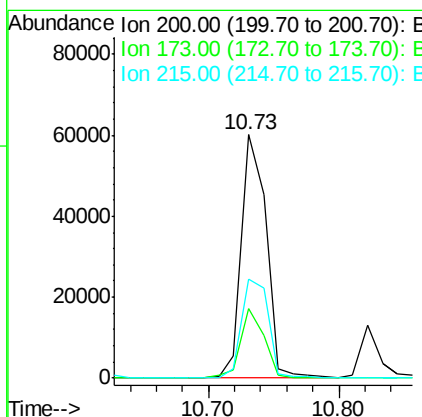
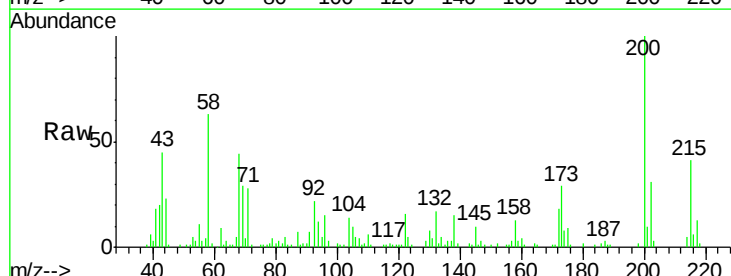
Instrument :
BNA_F
ClientSampleId :

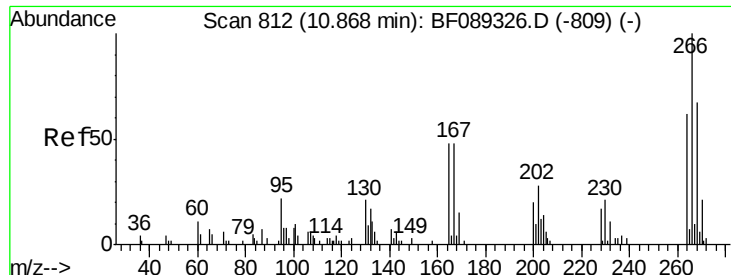
Tot Ion:284 Resp: 78568
Ion Ratio Lower Upper
284 100
142 22.1 42.2 63.4#
249 29.6 29.4 44.0



#68
Atrazine
Concen: 53.17 ng
RT: 10.73 min Scan# 800
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:200 Resp: 79543
Ion Ratio Lower Upper
200 100
173 28.6 6.0 46.0
215 40.9 24.3 64.3

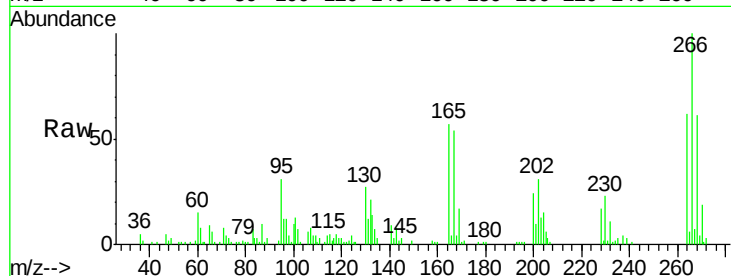




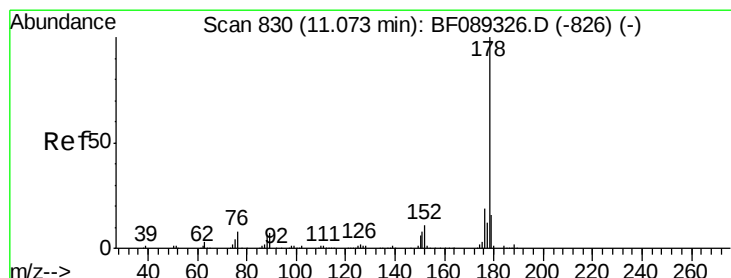
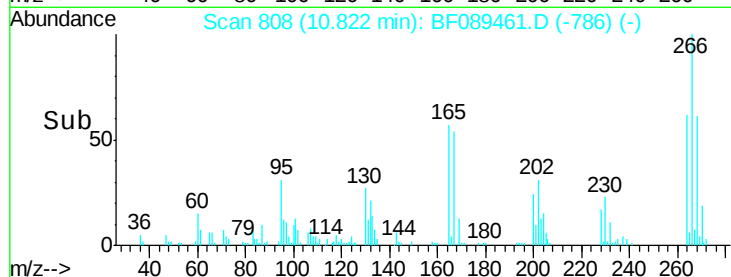
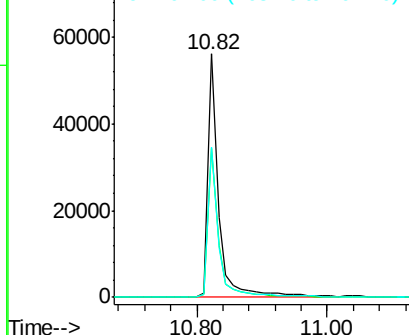
#69
 Pentachlorophenol
 Concen: 87.23 ng
 RT: 10.82 min Scan# 808
 Delta R.T. -0.04 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 64969
 Ion Ratio Lower Upper
 266 100
 268 60.9 49.4 74.2
 264 61.5 50.2 75.2

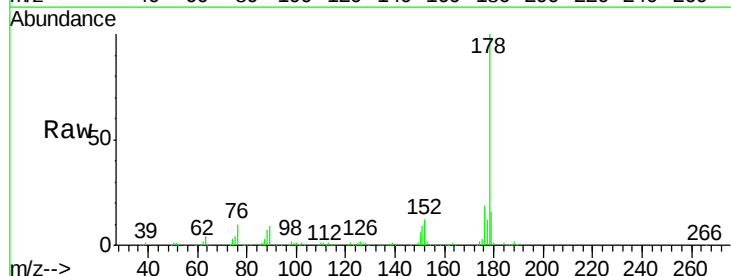


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

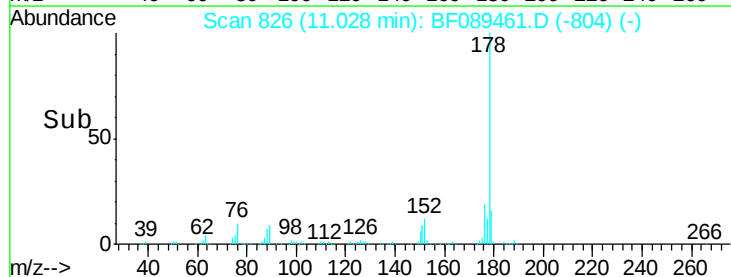
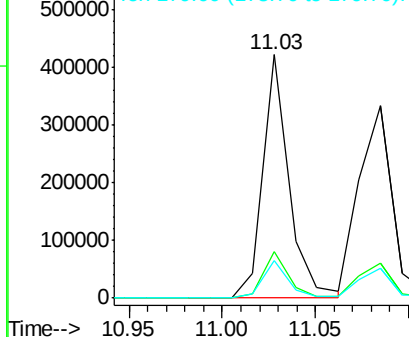


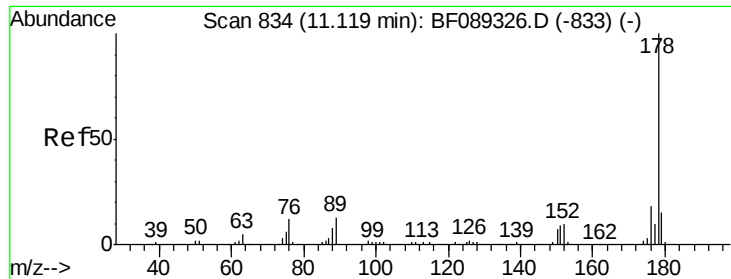
#70
 Phenanthrene
 Concen: 50.87 ng
 RT: 11.03 min Scan# 826
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:178 Resp: 409454
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.5 23.3
 179 15.6 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

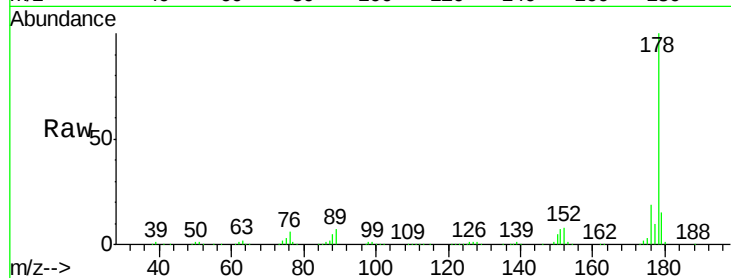




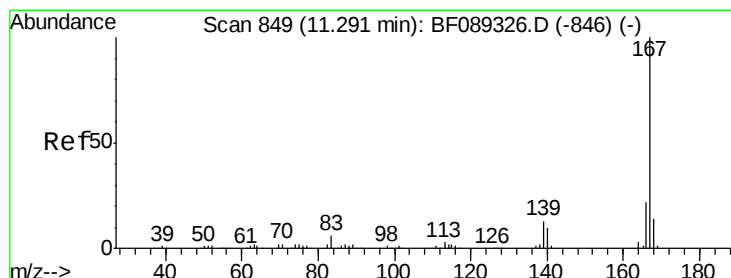
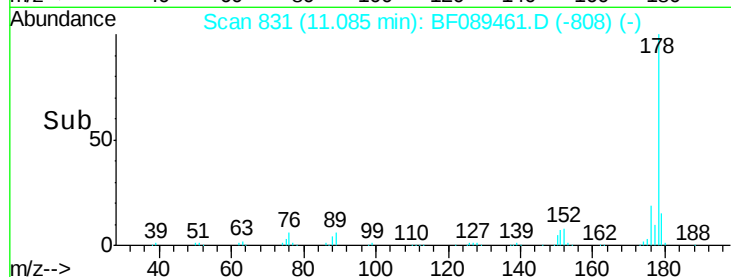
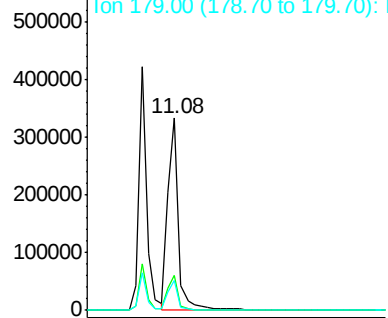
#71
 Anthracene
 Concen: 48.67 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.03 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 435589
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.4 12.6 18.8

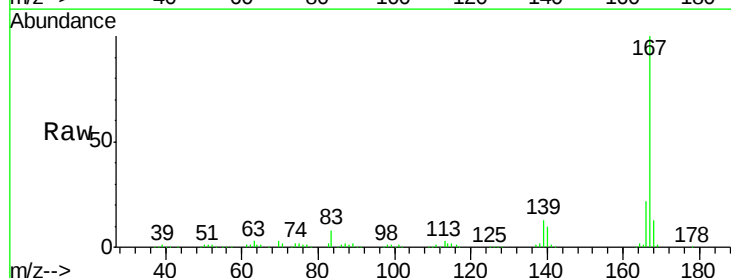


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

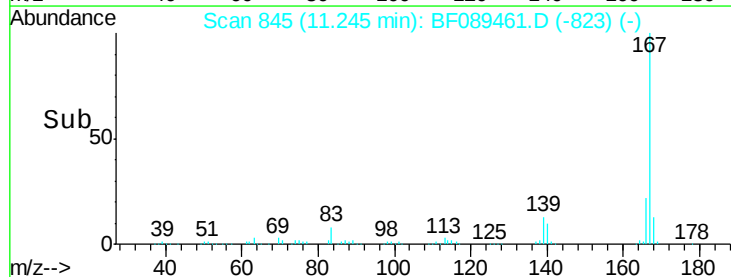
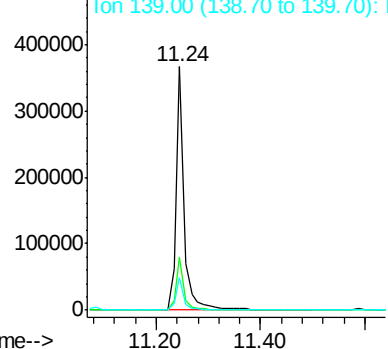


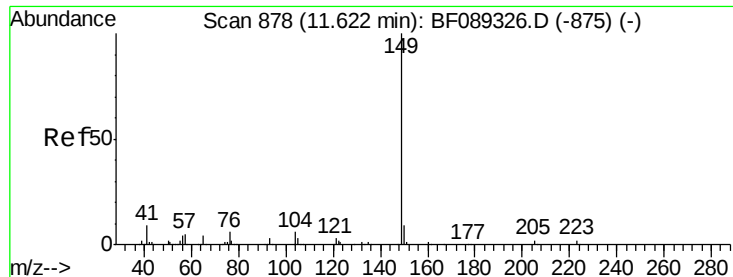
#72
 Carbazole
 Concen: 52.75 ng
 RT: 11.24 min Scan# 845
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:167 Resp: 397423
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.6 26.4
 139 13.4 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: 48.47 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

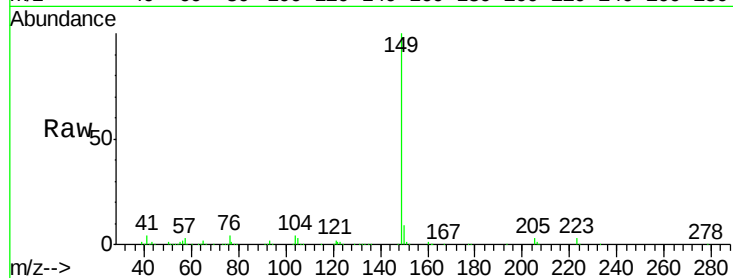
Tot Ion:149 Resp: 489874

Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.0

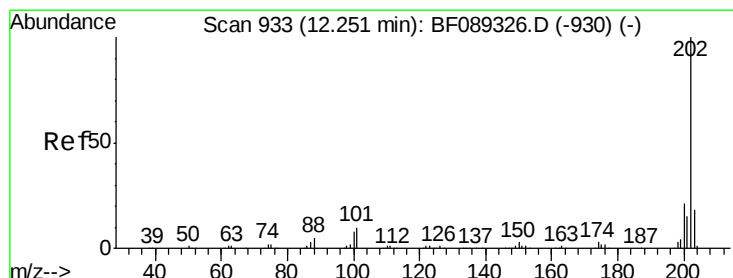
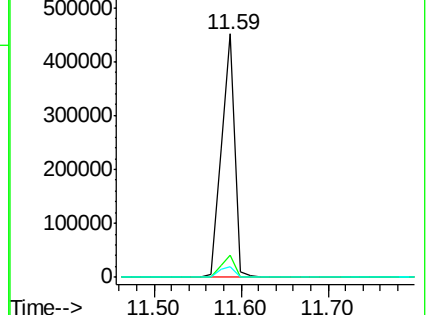
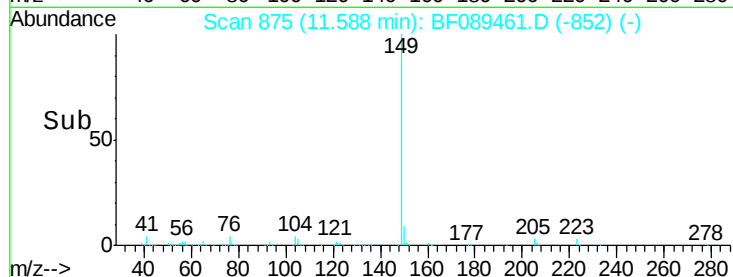
104 4.4 4.7 7.1#



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: 44.53 ng

RT: 12.21 min Scan# 929

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

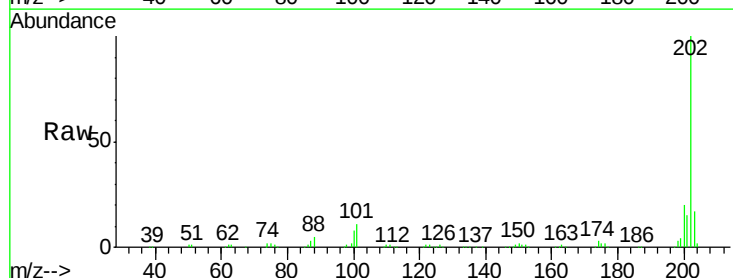
Tgt Ion:202 Resp: 377059

Ion Ratio Lower Upper

202 100

101 11.1 0.0 29.9

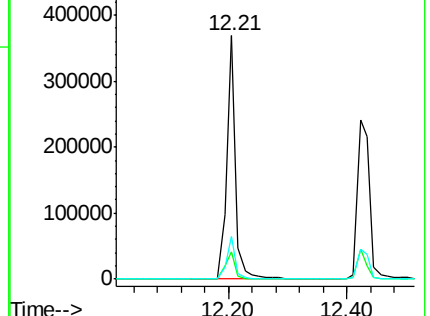
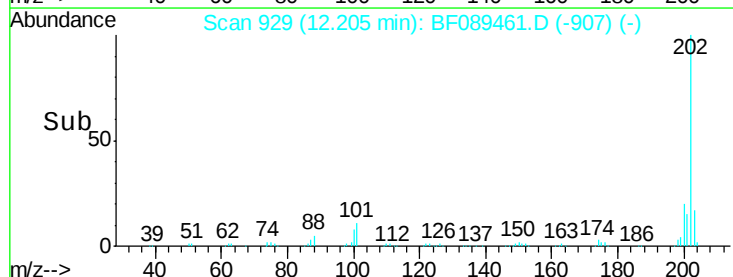
203 17.4 0.0 37.3



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: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampled :

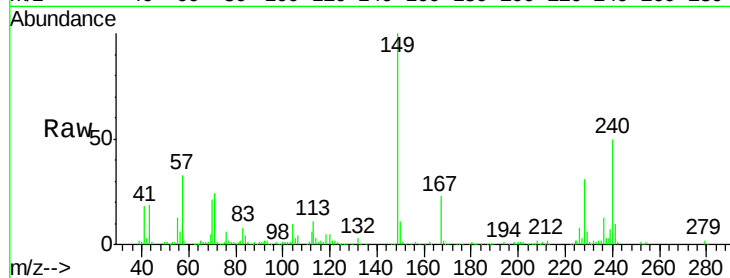
Tot Ion:240 Resp: 84048

Ion Ratio Lower Upper

240 100

120 11.0 9.1 13.7

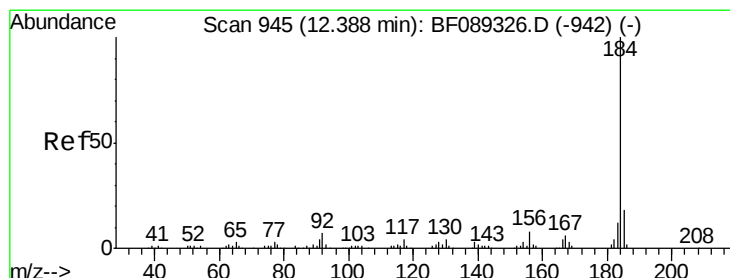
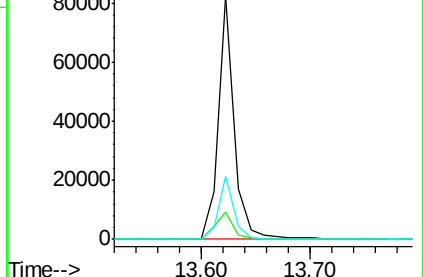
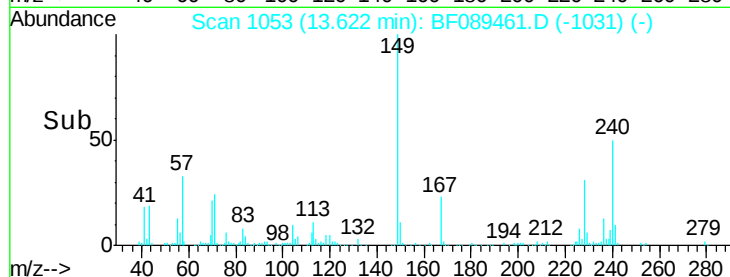
236 26.2 20.6 30.8



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: 41.92 ng

RT: 12.34 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

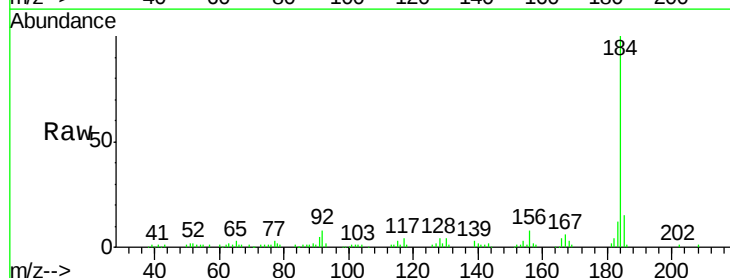
Tgt Ion:184 Resp: 130201

Ion Ratio Lower Upper

184 100

185 14.5 13.5 20.3

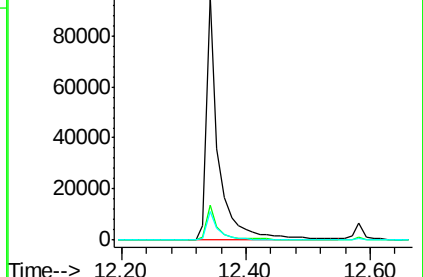
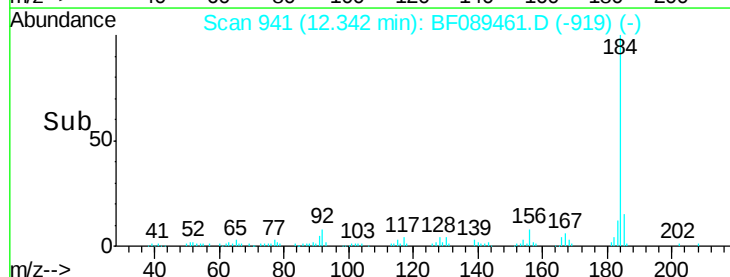
183 11.8 9.8 14.6

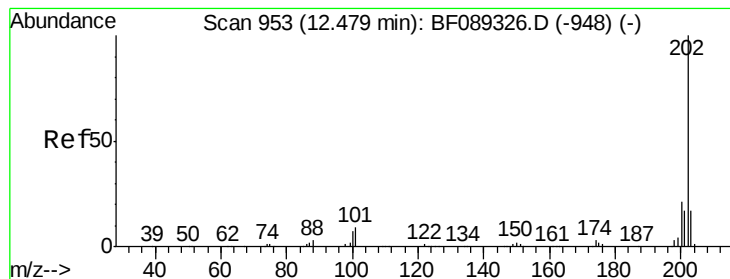


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.82 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

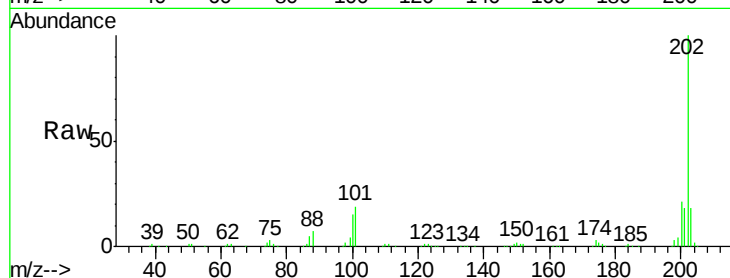
Tot Ion:202 Resp: 342849

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

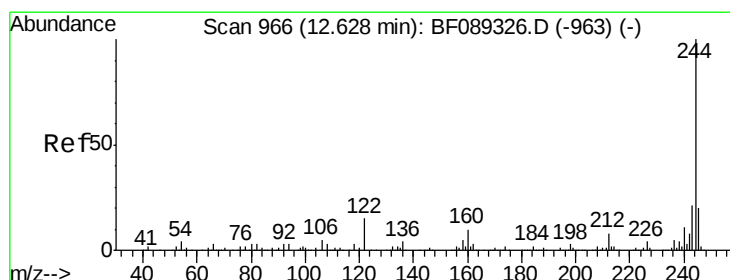
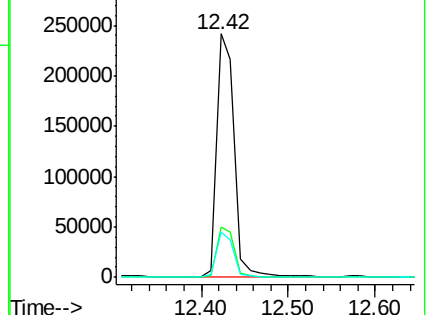
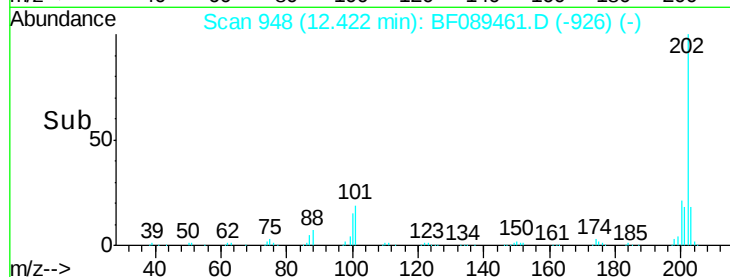
203 18.4 14.0 21.0



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: 102.33 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

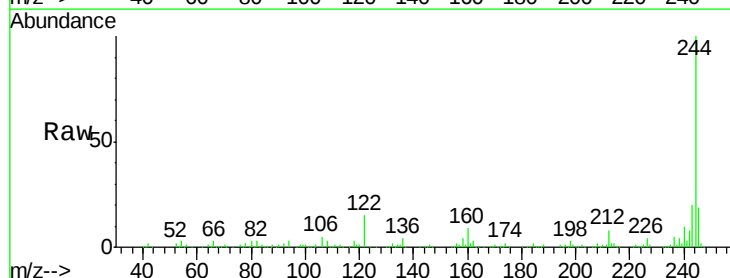
Tgt Ion:244 Resp: 367487

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

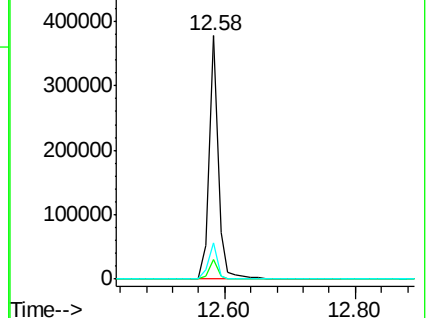
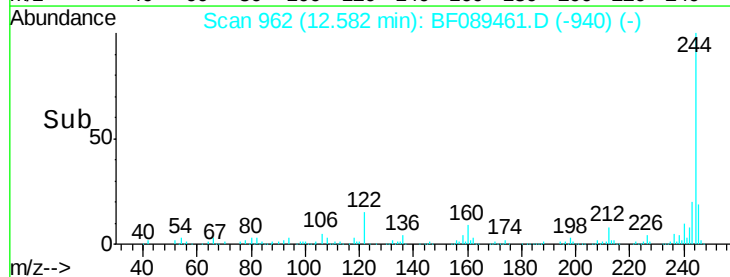
122 14.8 11.4 17.0

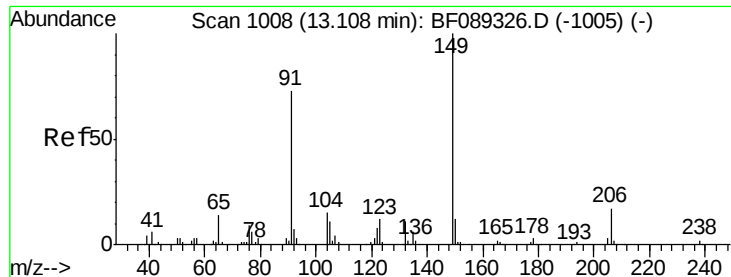


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 53.89 ng

RT: 13.06 min Scan# 1004

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

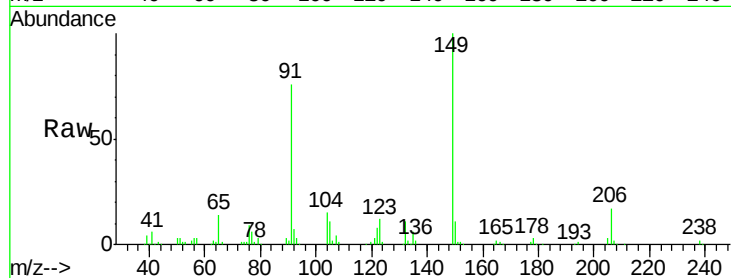
Tot Ion:149 Resp: 156055

Ion Ratio Lower Upper

149 100

91 75.8 58.5 87.7

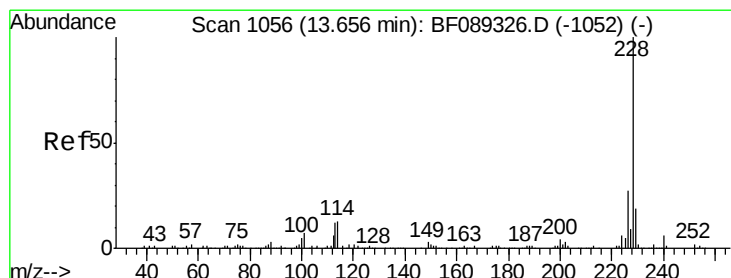
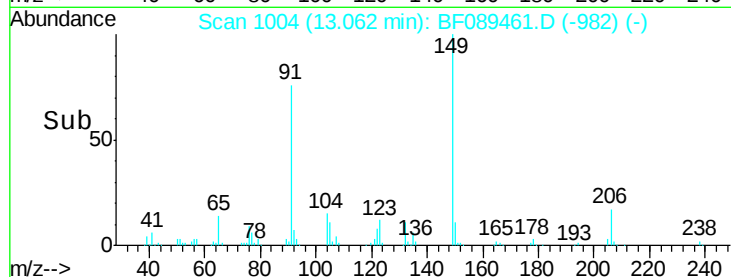
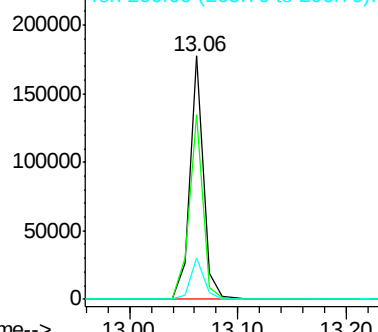
206 17.1 13.8 20.8



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: 51.81 ng

RT: 13.61 min Scan# 1052

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

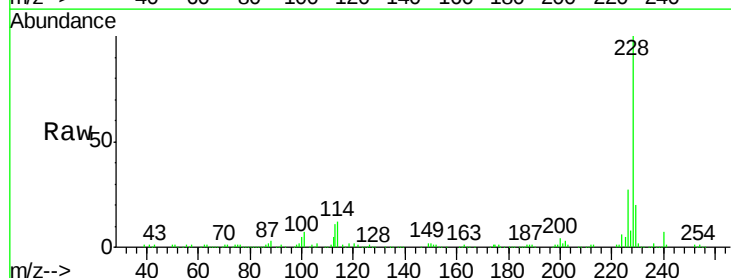
Tgt Ion:228 Resp: 245719

Ion Ratio Lower Upper

228 100

226 27.0 21.4 32.2

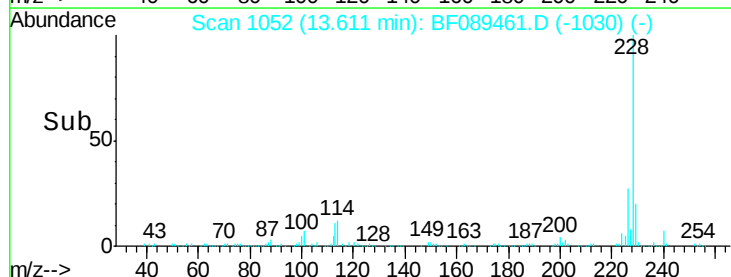
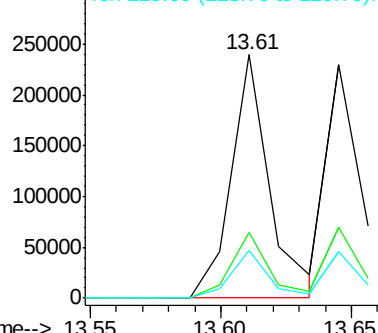
229 19.7 15.9 23.9

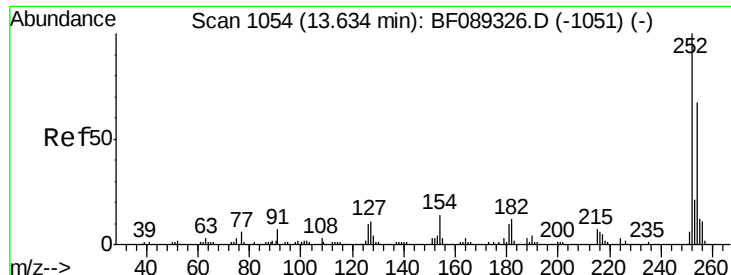


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

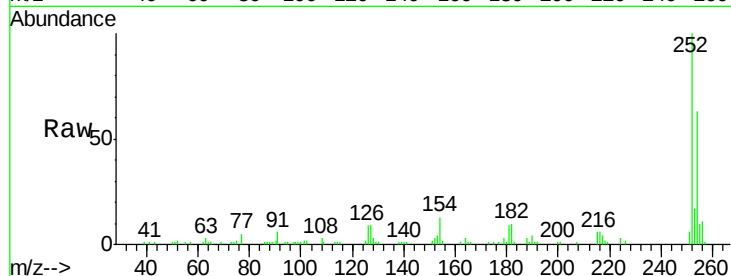




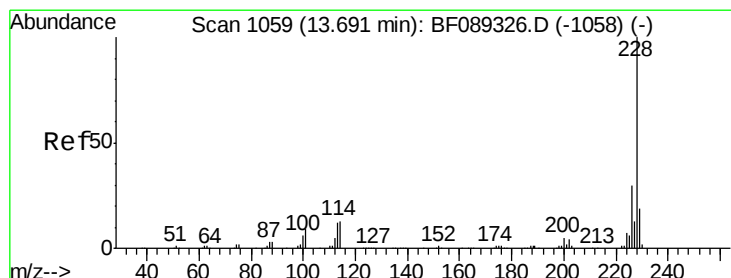
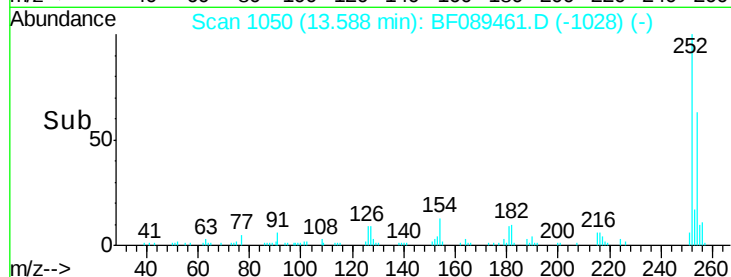
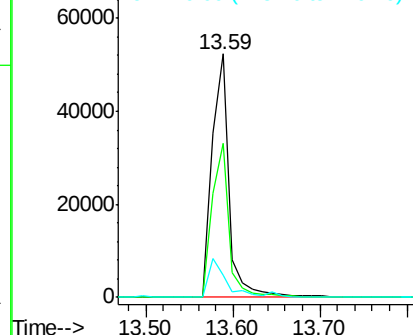
#81
 3,3'-Dichlorobenzidine
 Concen: 42.09 ng
 RT: 13.59 min Scan# 1050
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 71842
 Ion Ratio Lower Upper
 252 100
 254 63.4 52.5 78.7
 126 9.1 7.4 11.2

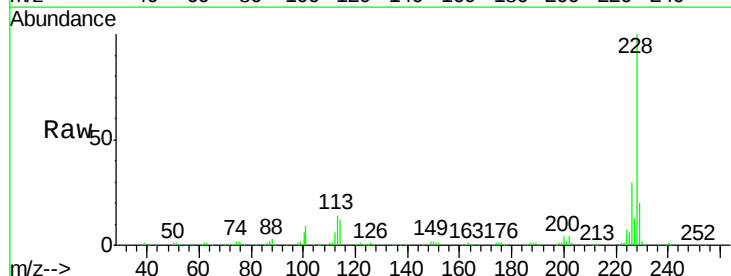


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

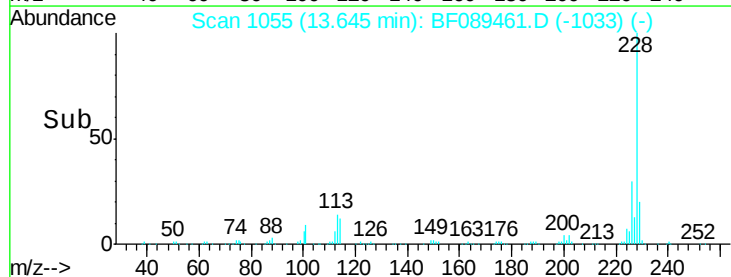
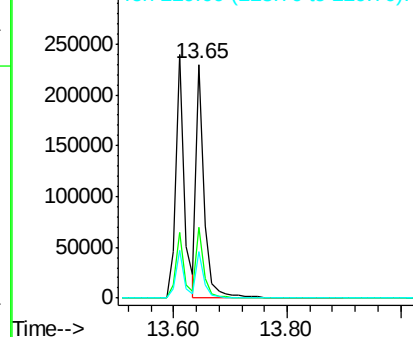


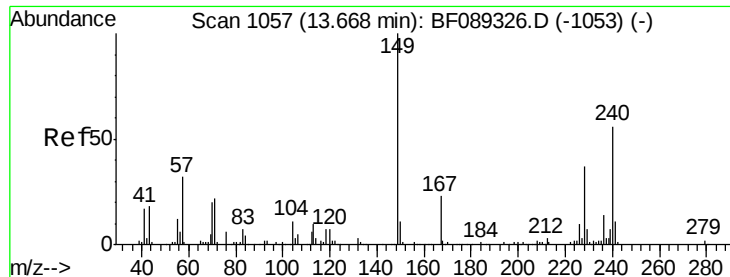
#82
 Chrysene
 Concen: 45.99 ng
 RT: 13.65 min Scan# 1055
 Delta R.T. -0.05 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:228 Resp: 232170
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.2 36.2
 229 20.0 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: 50.52 ng

RT: 13.62 min Scan# 1053

Delta R.T. -0.05 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :

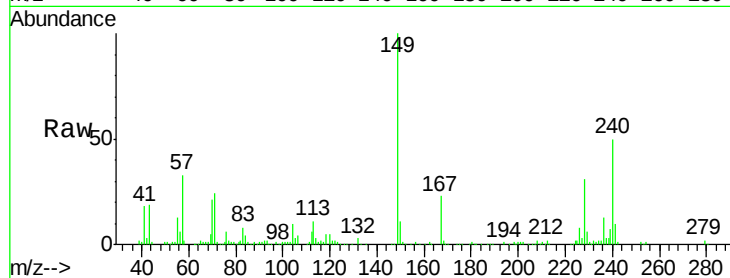
Tot Ion:149 Resp: 211499

Ion Ratio Lower Upper

149 100

167 23.4 18.8 28.2

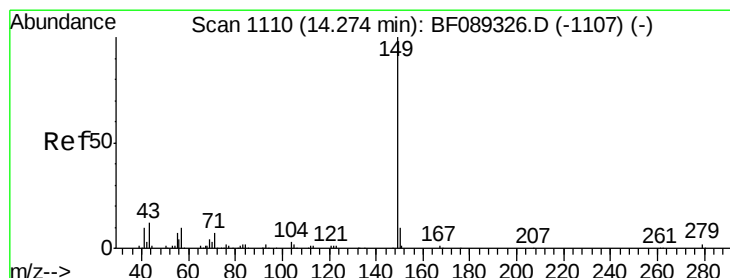
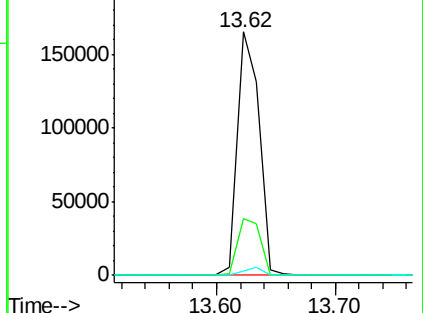
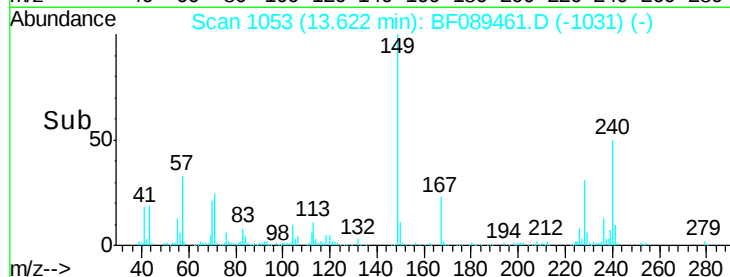
279 1.6 1.4 2.0



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: 54.60 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

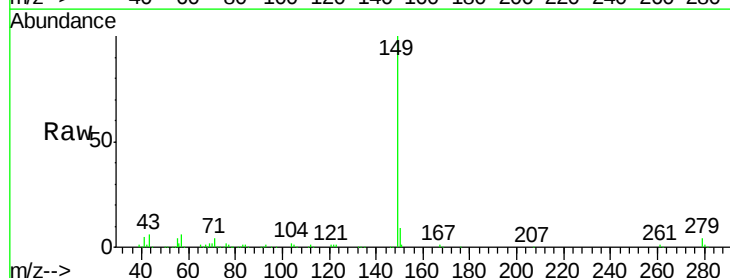
Tgt Ion:149 Resp: 356670

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

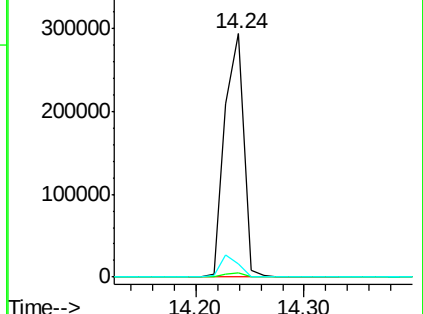
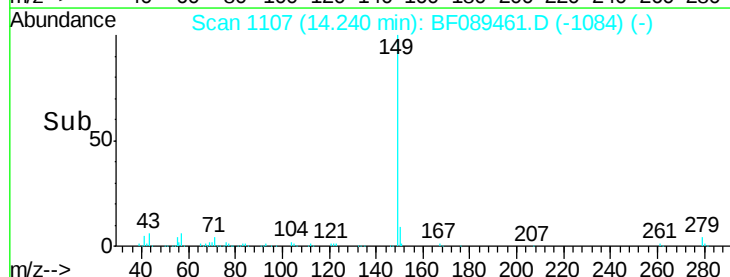
43 8.6 7.3 10.9

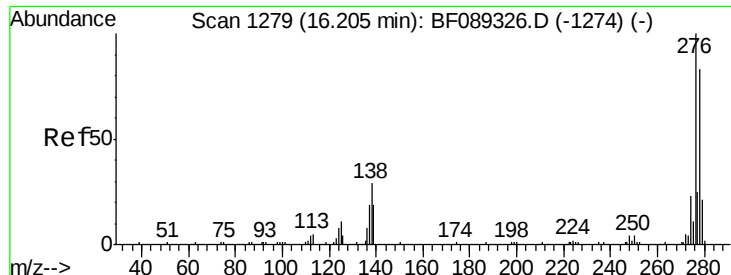


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

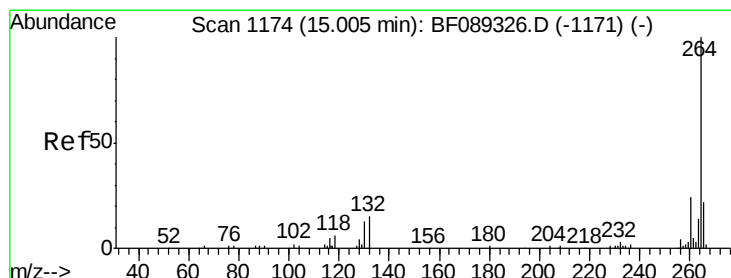
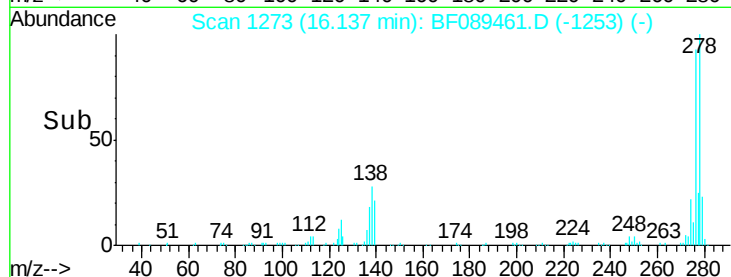
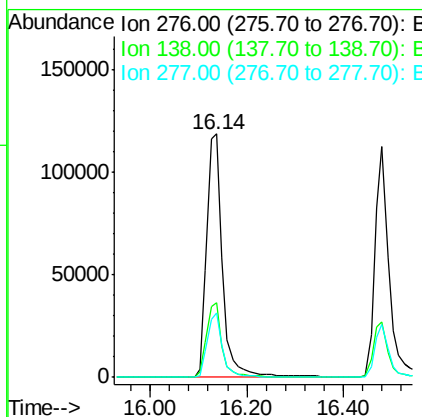
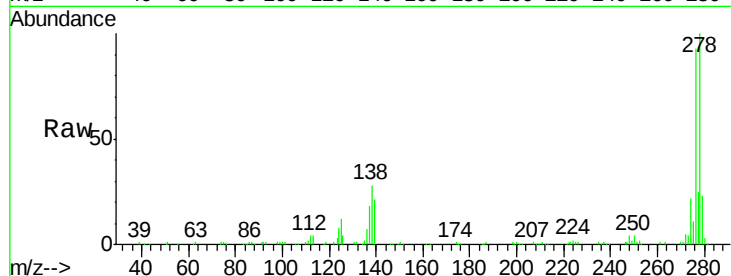




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 77.26 ng
 RT: 16.14 min Scan# 1273
 Delta R.T. -0.07 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

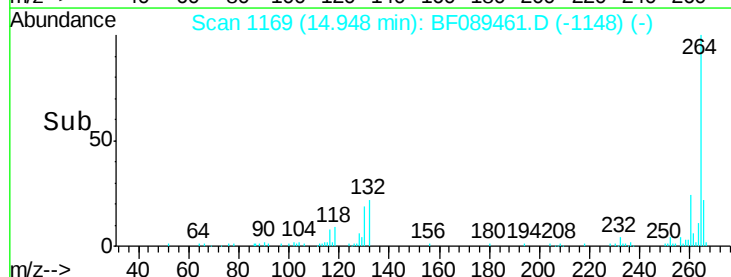
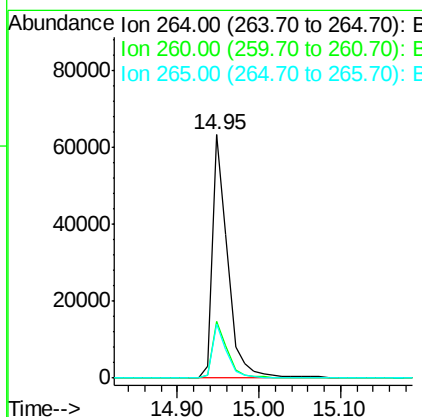
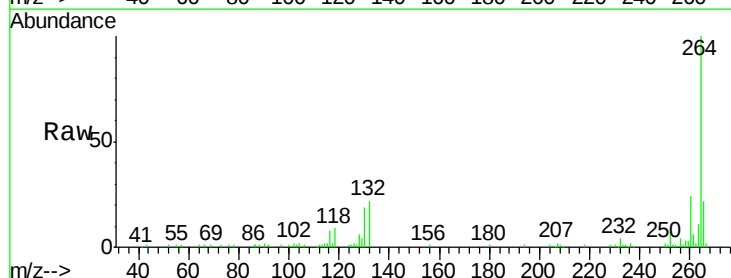
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 277350
 Ion Ratio Lower Upper
 276 100
 138 29.9 23.0 34.4
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.95 min Scan# 1169
 Delta R.T. -0.06 min
 Lab File: BF089461.D
 Acq: 30 Jul 2016 19:16

Tgt Ion:264 Resp: 83439
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 22.1 17.5 26.3

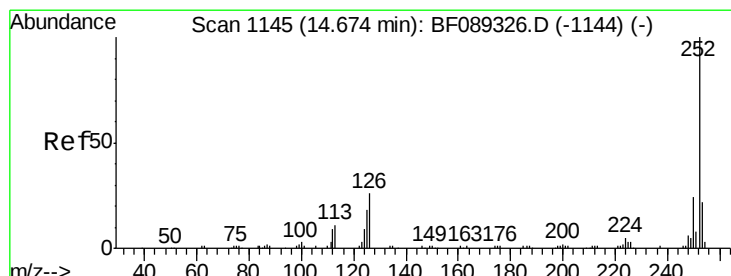
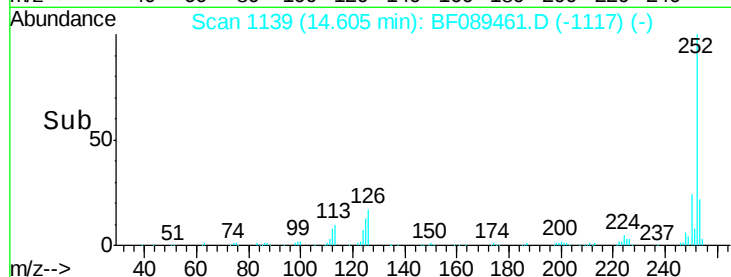
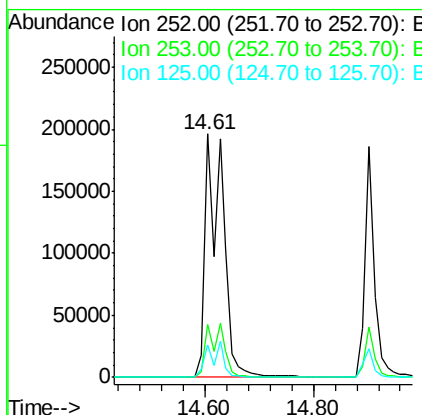
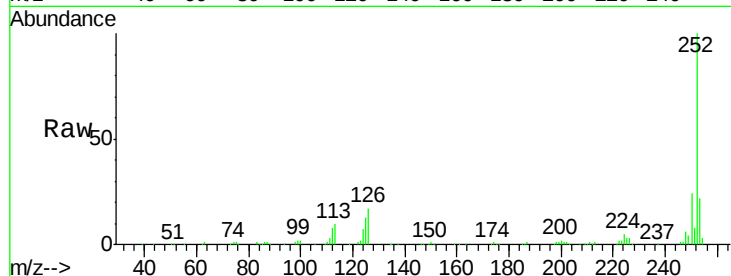




#87
Benzo(b)fluoranthene
Concen: 87.02 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

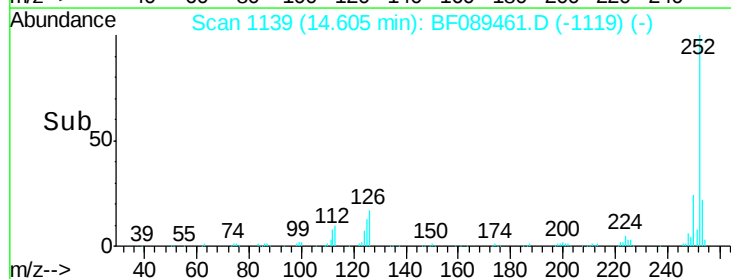
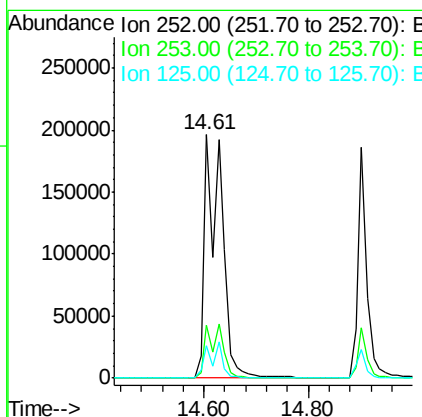
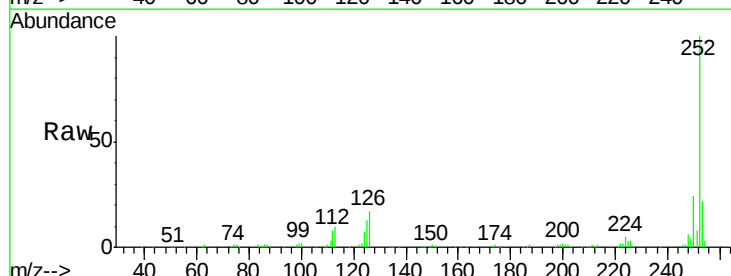
Instrument :
BNA_F
ClientSampled :

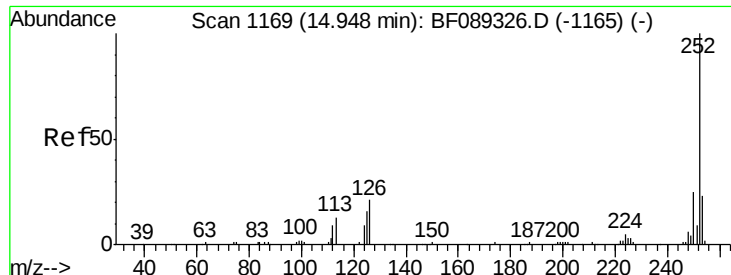
Tot Ion:252 Resp: 450889
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 13.4 9.7 14.5



#88
Benzo(k)fluoranthene
Concen: 94.69 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:252 Resp: 451121
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 13.4 10.7 16.1

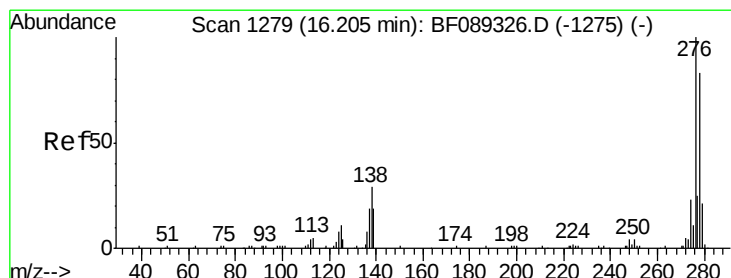
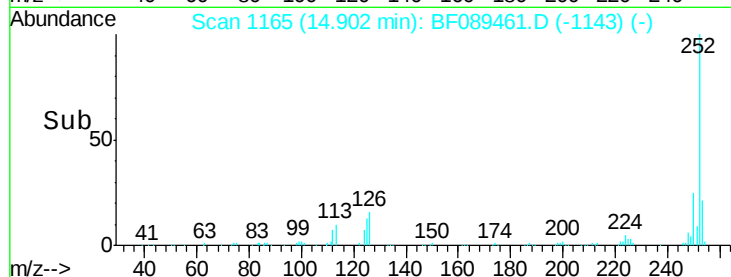
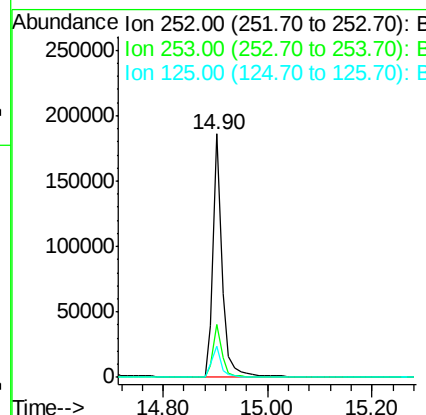
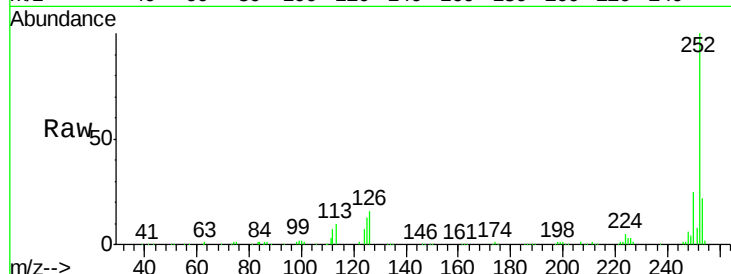




#89
Benzo(a)pyrene
Concen: 49.23 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

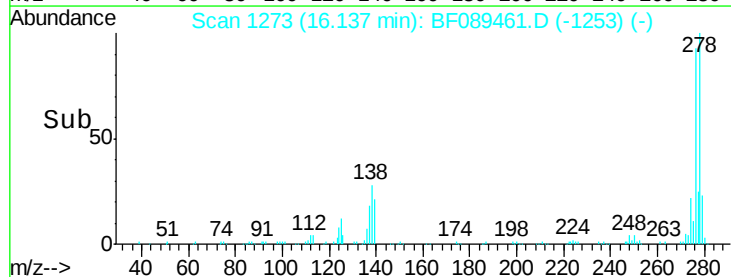
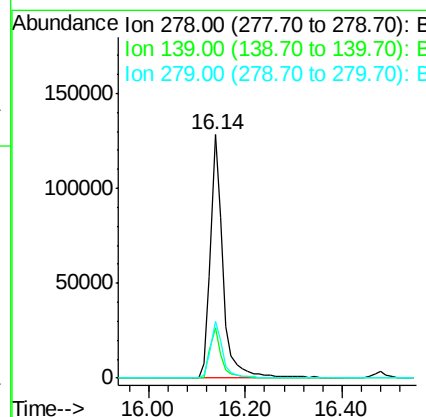
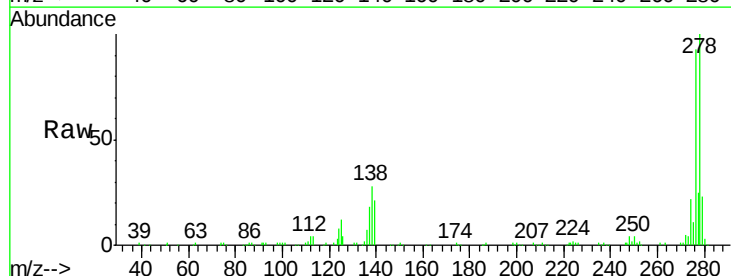
Instrument :
BNA_F
ClientSampleId :

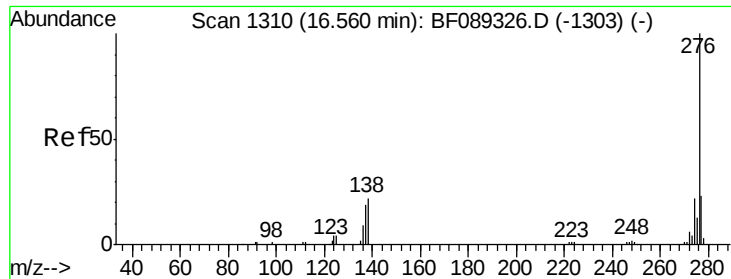
Tot Ion:252 Resp: 228845
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.2
125 12.6 12.4 18.6



#90
Dibenzo(a,h)anthracene
Concen: 64.54 ng
RT: 16.14 min Scan# 1273
Delta R.T. -0.07 min
Lab File: BF089461.D
Acq: 30 Jul 2016 19:16

Tgt Ion:278 Resp: 236316
Ion Ratio Lower Upper
278 100
139 20.5 16.3 24.5
279 23.4 19.1 28.7





#91

Benzo(a,h,i)perylene

Concen: 64.75 ng

RT: 16.48 min Scan# 1303

Delta R.T. -0.07 min

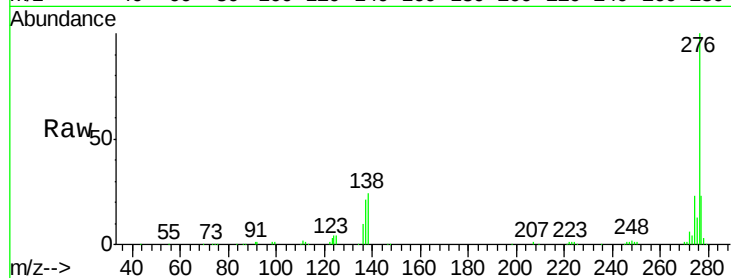
Lab File: BF089461.D

Acq: 30 Jul 2016 19:16

Instrument :

BNA_F

ClientSampleId :



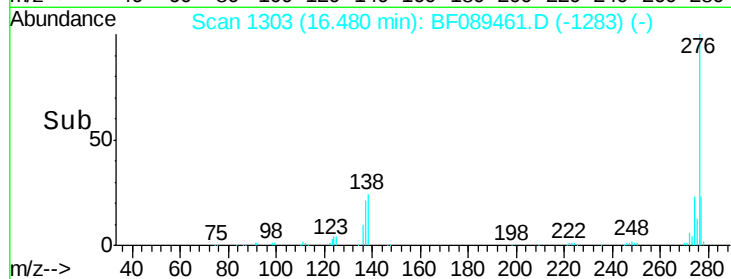
Tot Ion: 276 Resp: 233080

Ion Ratio Lower Upper

276 100

277 22.8 18.6 28.0

138 24.3 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

