

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088652.D
 Acq On : 3 Jul 2016 16:31
 Operator : UM/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:58:50 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	111391	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	428631	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	202030	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	405957	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	264200	20.00	ng	-0.02
86) Perylene-d12	15.31	264	240188	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	492758	66.30	ng	-0.03
7) Phenol-d6	6.42	99	671762	69.95	ng	-0.02
23) Nitrobenzene-d5	7.35	82	677452	82.83	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	151756	80.89	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1117853	87.40	ng	-0.02
78) Terphenyl-d14	12.88	244	850811	71.73	ng	-0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.33	88	124272	33.72	ng	# 35
3) Pyridine	3.00	79	351260	32.85	ng	94
4) n-Nitrosodimethylamine	2.97	42	134325	32.88	ng	82
6) Aniline	6.44	93	476496	34.05	ng	96
8) 2-Chlorophenol	6.57	128	310170	38.83	ng	92
9) Benzaldehyde	6.33	77	219269	33.71	ng	94
10) Phenol	6.43	94	392163	35.78	ng	74
11) bis(2-Chloroethyl)ether	6.52	93	295798	36.19	ng	91
12) 1,3-Dichlorobenzene	6.96	146	323589	36.81	ng	99
13) 1,4-Dichlorobenzene	6.80	146	305286	34.99	ng	94
14) 1,2-Dichlorobenzene	6.73	146	319584	39.13	ng	97
15) Benzyl Alcohol	6.92	79	247998	35.09	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	401269	33.90	ng	91
17) 2-Methylphenol	7.05	107	260361	39.95	ng	98
18) Hexachloroethane	7.30	117	128936	38.20	ng	89
19) n-Nitroso-di-n-propylamine	7.21	70	238262	36.93	ng	89
20) 3+4-Methylphenols	7.20	107	262586	33.57	ng	# 66
22) Acetophenone	7.20	105	396910	38.15	ng	# 86
24) Nitrobenzene	7.37	77	332788	40.35	ng	# 84
25) Isophorone	7.61	82	572092	37.76	ng	95
26) 2-Nitrophenol	7.69	139	168694	49.88	ng	# 86
27) 2,4-Dimethylphenol	7.74	122	286861	40.73	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	378647	38.40	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	240923	42.32	ng	99
30) 1,2,4-Trichlorobenzene	8.01	180	247862	39.68	ng	97
31) Naphthalene	8.09	128	803015	38.00	ng	100
32) Benzoic acid	7.86	122	212857	41.62	ng	90
33) 4-Chloroaniline	8.15	127	403583	42.93	ng	# 93
34) Hexachlorobutadiene	8.22	225	138966	41.55	ng	98
35) Caprolactam	8.51	113	78190	40.44	ng	98
36) 4-Chloro-3-methylphenol	8.63	107	291599	43.32	ng	95
37) 2-Methylnaphthalene	8.79	142	578240	42.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	254548	37.88	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	131656	39.92	ng	99

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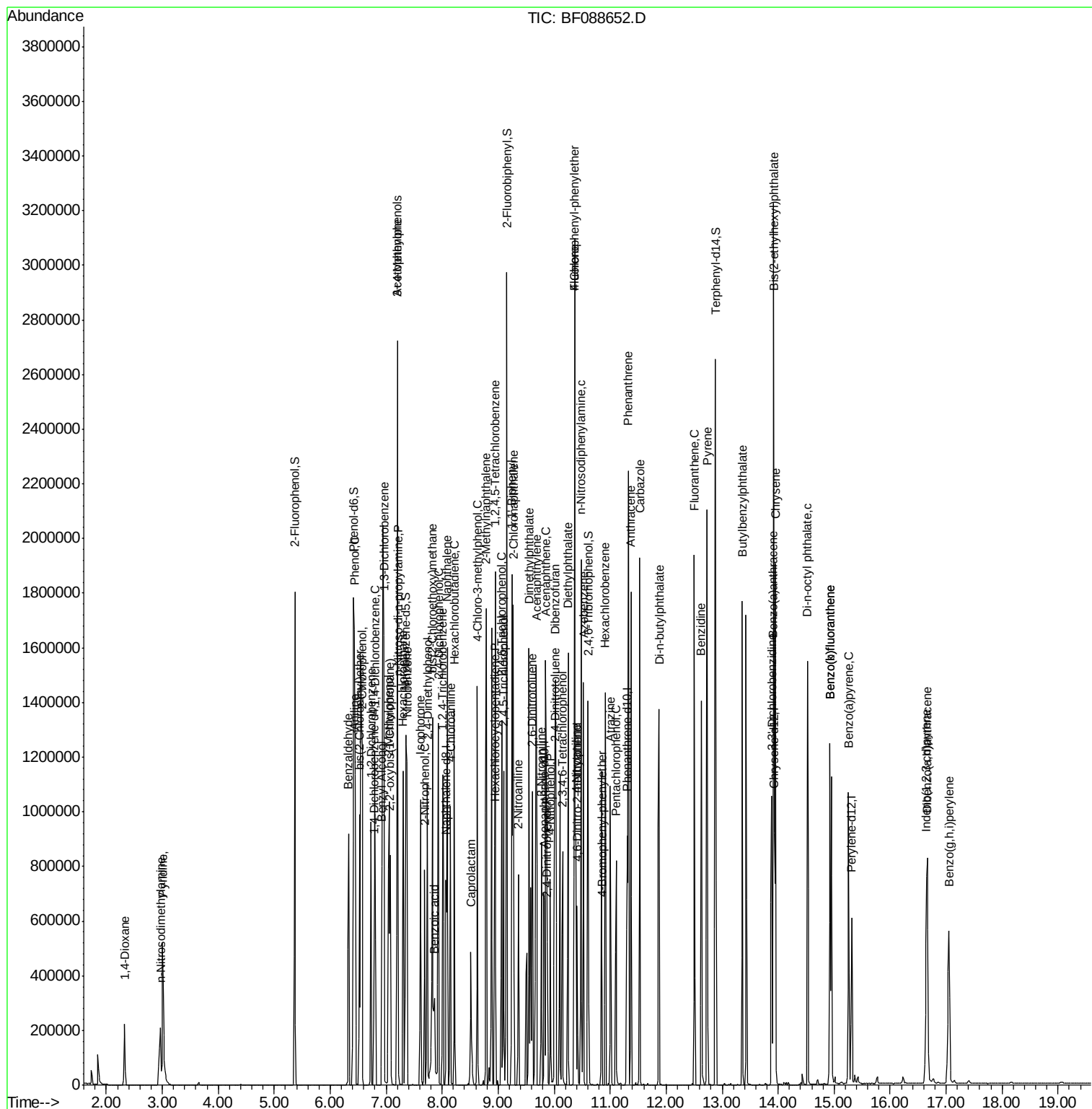
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	182856	41.27	nq	98
43) 2,4,5-Trichlorophenol	9.10	196	159563	41.86	nq #	85
45) 1,1'-Biphenyl	9.24	154	643625	38.47	nq	97
46) 2-Chloronaphthalene	9.27	162	496013	37.77	nq	96
47) 2-Nitroaniline	9.36	65	175380	37.63	nq	94
48) Acenaphthylene	9.68	152	802413	38.40	nq	100
49) Dimethylphthalate	9.55	163	608833	42.30	nq	100
50) 2,6-Dinitrotoluene	9.61	165	145520	45.62	nq #	77
51) Acenaphthene	9.85	154	510246	39.83	nq	99
52) 3-Nitroaniline	9.77	138	153987	37.97	nq	86
53) 2,4-Dinitrophenol	9.87	184	59529	42.26	nq #	79
54) Dibenzofuran	10.02	168	645647	38.51	nq #	86
55) 4-Nitrophenol	9.93	139	110959	36.01	nq	91
56) 2,4-Dinitrotoluene	10.01	165	195880	46.96	nq #	75
57) Fluorene	10.36	166	466894	36.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	133373	45.22	nq #	56
59) Diethylphthalate	10.25	149	608909	42.15	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	248196	41.34	nq	97
61) 4-Nitroaniline	10.39	138	173354	44.42	nq	89
62) Azobenzene	10.52	77	691974	42.00	nq	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	85499	39.38	nq	81
65) n-Nitrosodiphenylamine	10.48	169	455626	33.16	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	152758	37.34	nq #	88
67) Hexachlorobenzene	10.91	284	166268	36.72	nq	97
68) Atrazine	11.00	200	158395	37.00	nq	90
69) Pentachlorophenol	11.11	266	112375	41.93	nq	99
70) Phenanthrene	11.32	178	829433	37.38	nq	99
71) Anthracene	11.37	178	761430	34.51	nq	99
72) Carbazole	11.53	167	815442	39.26	nq	99
73) Di-n-butylphthalate	11.87	149	943993	39.08	nq	98
74) Fluoranthene	12.50	202	764761	33.99	nq	97
76) Benzidine	12.63	184	467722	35.02	nq	99
77) Pyrene	12.73	202	817757	36.51	nq	100
79) Butylbenzylphthalate	13.36	149	390029	39.03	nq #	84
80) Benzo(a)anthracene	13.91	228	657036	38.62	nq	99
81) 3,3'-Dichlorobenzidine	13.89	252	267036	41.75	nq	100
82) Chrysene	13.95	228	685082	40.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	470307	41.23	nq	98
84) Di-n-octyl phthalate	14.53	149	835265	43.10	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	511151	39.47	nq #	100
87) Benzo(b)fluoranthene	14.93	252	576359	38.25	nq #	97
88) Benzo(k)fluoranthene	14.93	252	576359	43.94	nq	97
89) Benzo(a)pyrene	15.26	252	491751	38.55	nq	99
90) Dibenzo(a,h)anthracene	16.66	278	437755	41.09	nq	99
91) Benzo(g,h,i)perylene	17.05	276	448300	40.67	nq	97

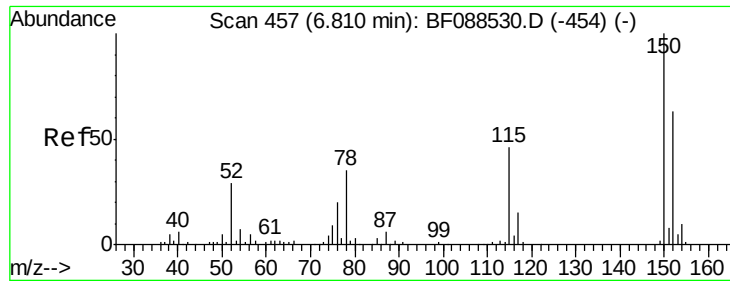
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BF088652.D  
Acq On    : 3 Jul 2016 16:31  
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Sample    : SSTCCC040  
Misc      :  
ALS Vial  : 2 Sample Multiplier: 1
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Instrument :
BNA_F
ClientSampleId :

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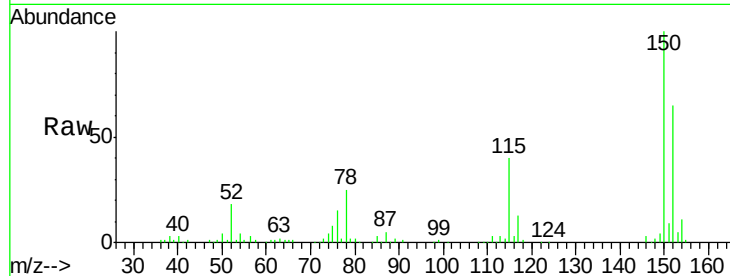


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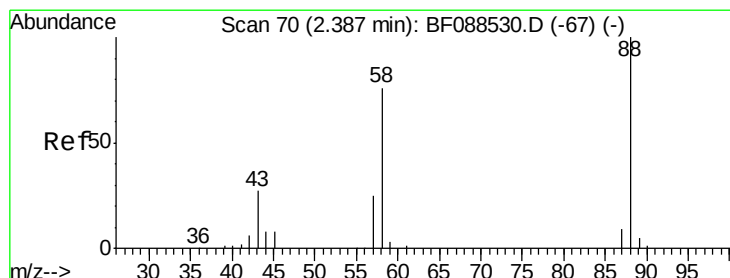
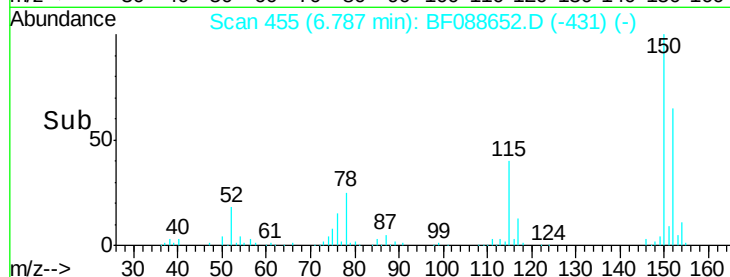
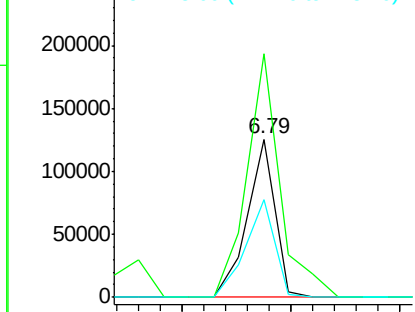
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.79 min Scan# 455
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111391
Ion Ratio Lower Upper
152 100
150 153.6 123.8 185.6
115 61.3 39.6 59.4#



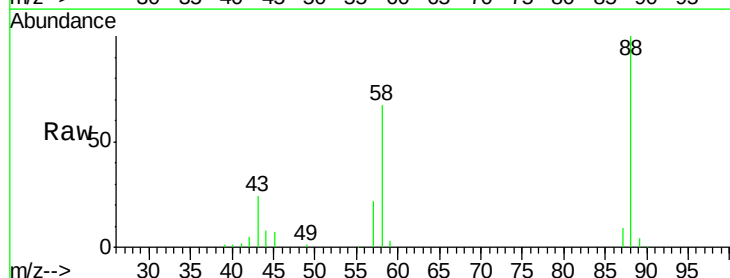
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



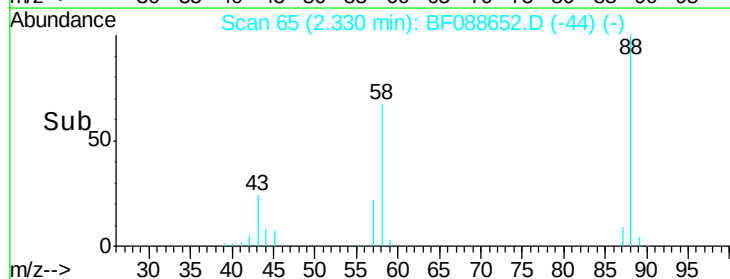
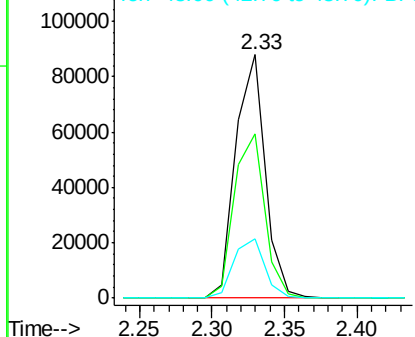
#2

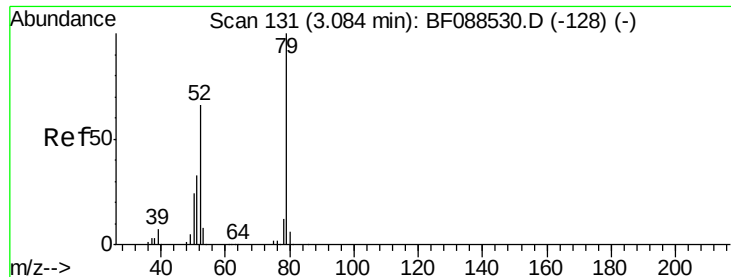
1,4-Dioxane
Concen: 33.72 ng
RT: 2.33 min Scan# 65
Delta R.T. -0.06 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion: 88 Resp: 124272
Ion Ratio Lower Upper
88 100
58 69.8 0.0 0.0#
43 25.6 3.4 5.2#



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: 32.85 ng

RT: 3.00 min Scan# 124

Delta R.T. -0.08 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

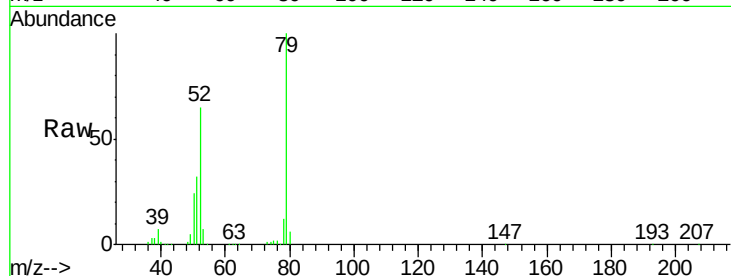
Tot Ion: 79 Resp: 351260

Ion Ratio Lower Upper

79 100

52 65.1 56.3 84.5

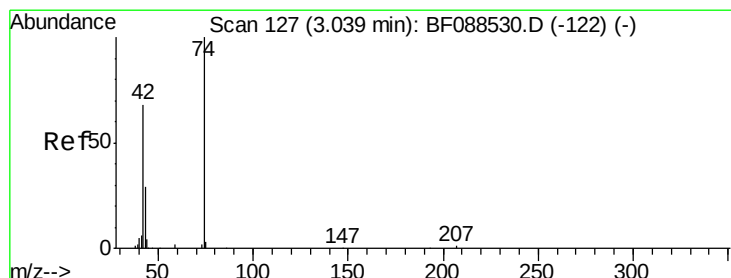
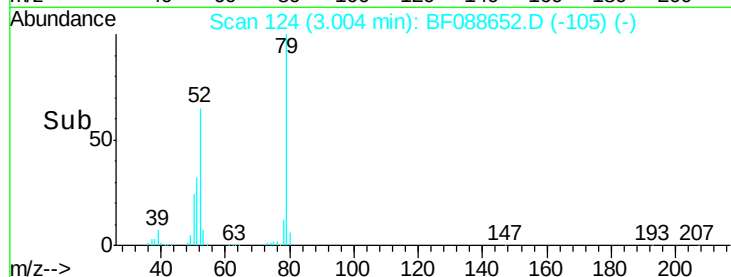
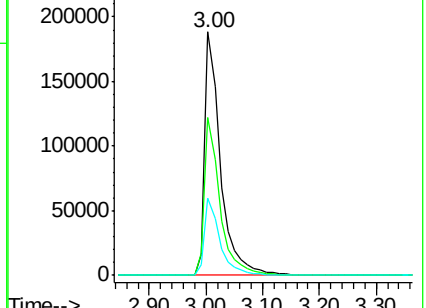
51 31.9 27.4 41.2



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: 32.88 ng

RT: 2.97 min Scan# 121

Delta R.T. -0.07 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

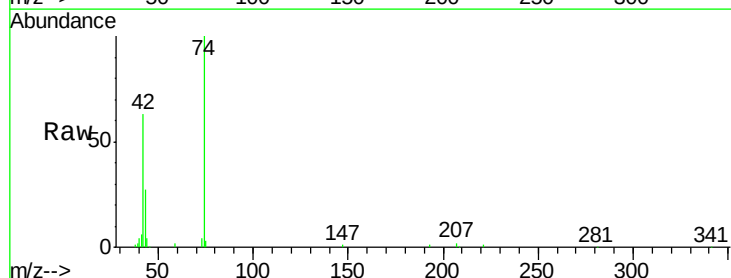
Tgt Ion: 42 Resp: 134325

Ion Ratio Lower Upper

42 100

74 157.8 108.6 163.0

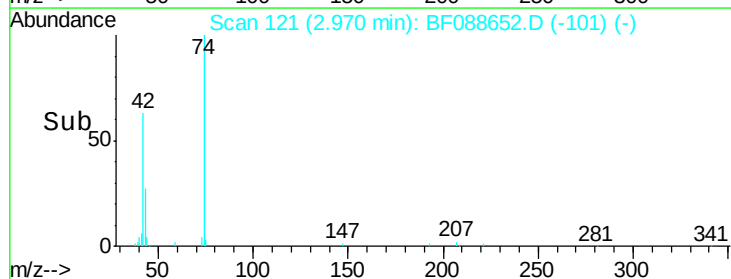
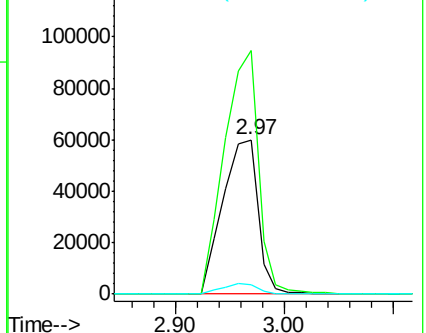
44 6.5 5.5 8.3

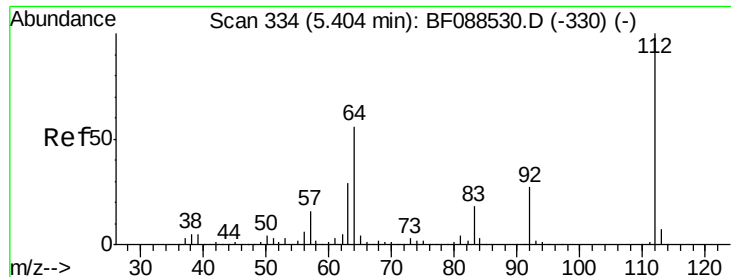


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 66.30 ng

RT: 5.37 min Scan# 331

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

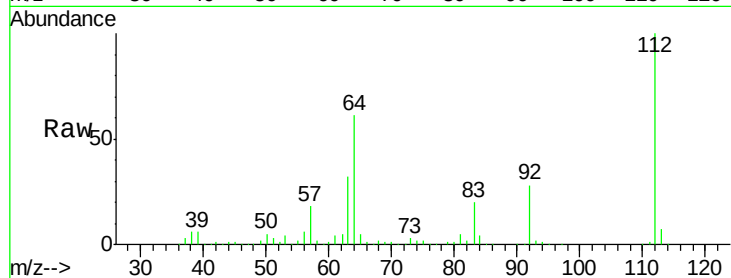
Tot Ion:112 Resp: 492758

Ion Ratio Lower Upper

112 100

64 60.8 42.2 63.2

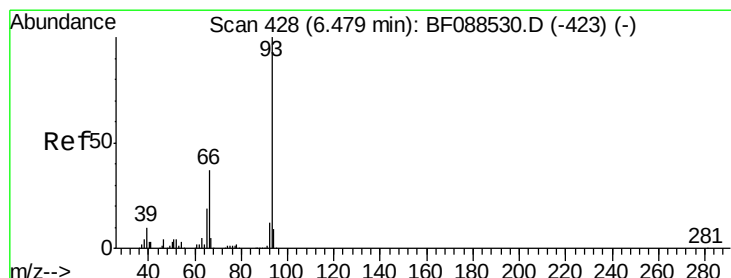
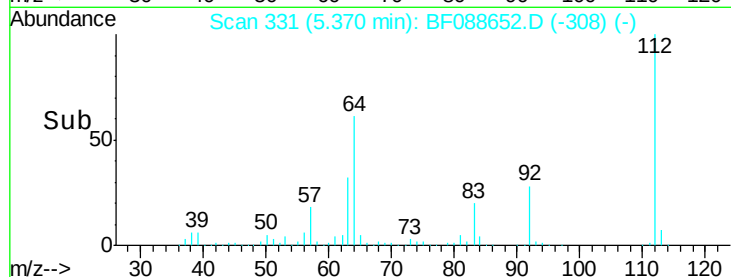
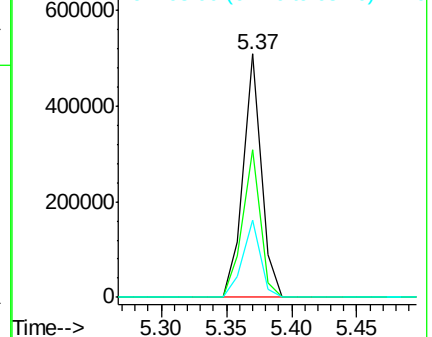
63 31.6 21.8 32.8



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: 34.05 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

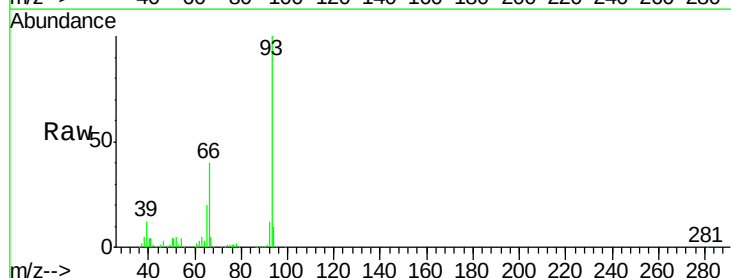
Tgt Ion: 93 Resp: 476496

Ion Ratio Lower Upper

93 100

66 39.7 29.8 44.8

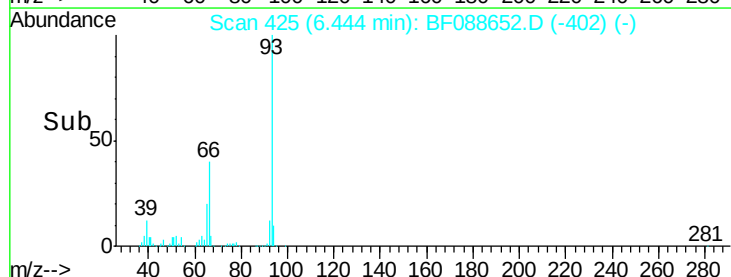
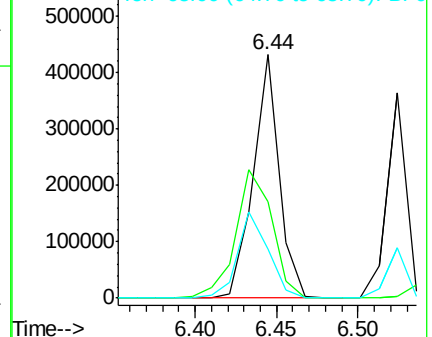
65 20.2 14.9 22.3

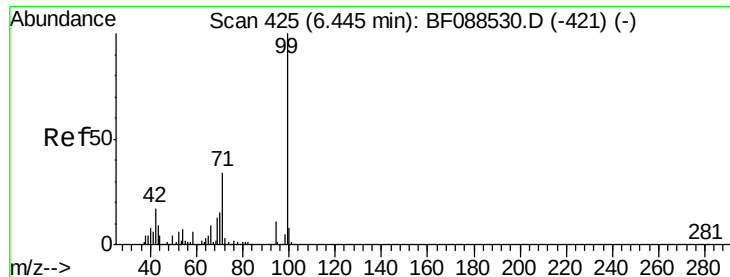


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 69.95 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

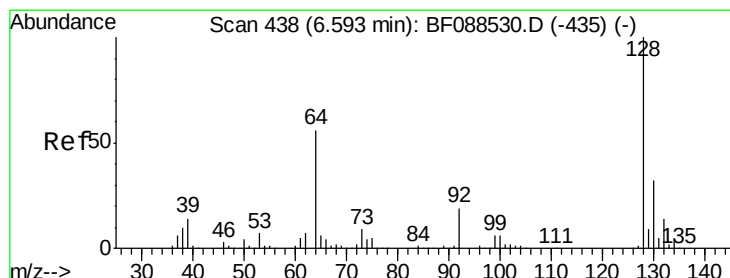
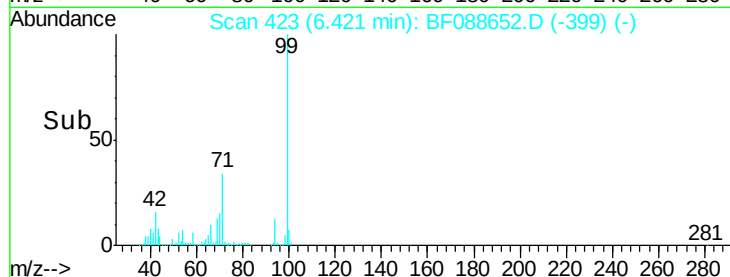
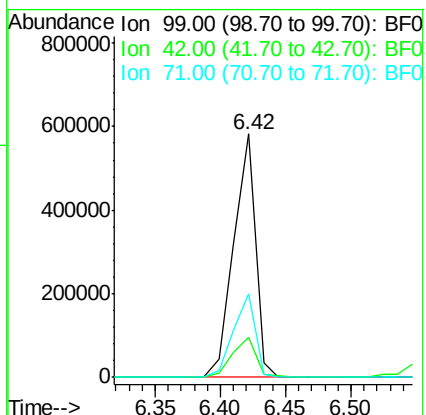
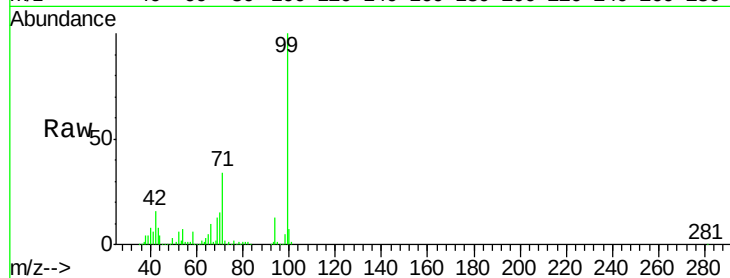
Tot Ion: 99 Resp: 671762

Ion Ratio Lower Upper

99 100

42 16.3 12.2 18.2

71 34.4 23.4 35.0



#8

2-Chlorophenol

Concen: 38.83 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

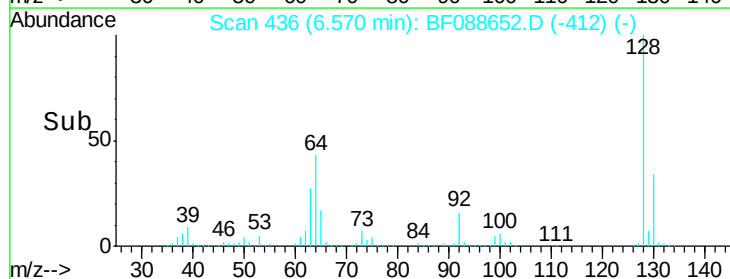
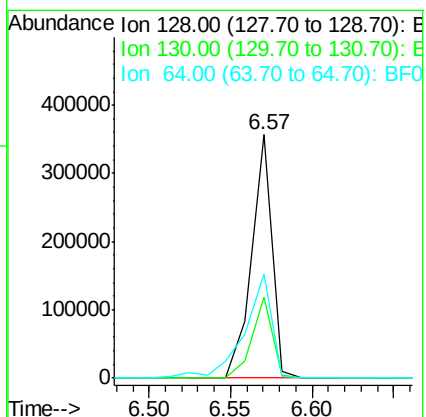
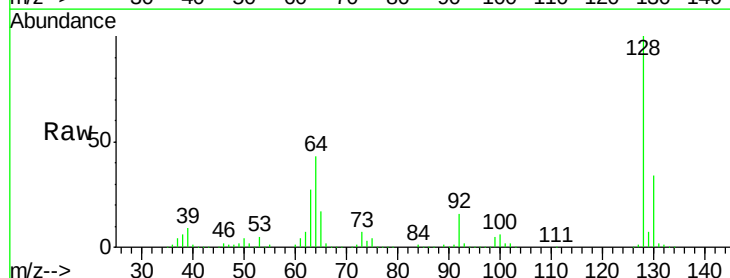
Tgt Ion: 128 Resp: 310170

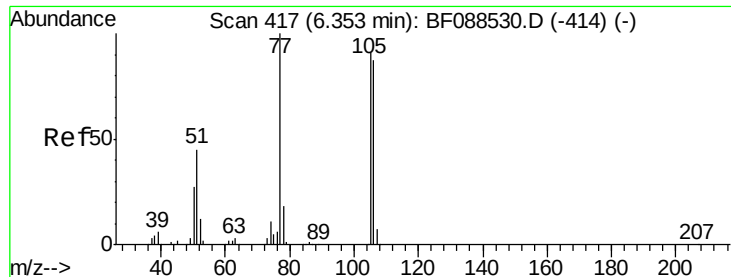
Ion Ratio Lower Upper

128 100

130 33.5 12.0 52.0

64 42.8 30.8 70.8





#9

Benzaldehyde

Concen: 33.71 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

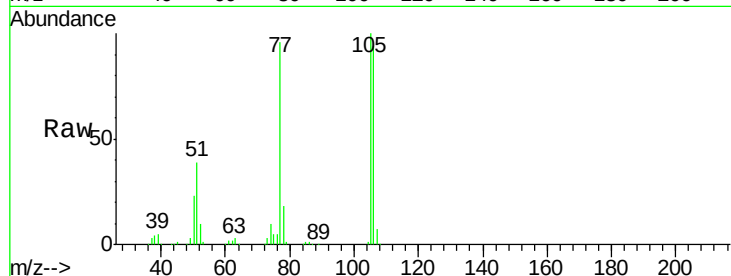
Tot Ion: 77 Resp: 219269

Ion Ratio Lower Upper

77 100

105 104.5 90.6 130.6

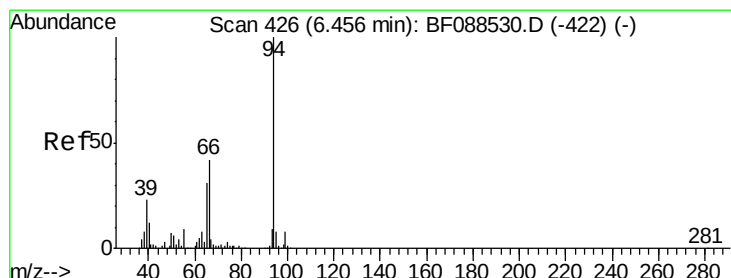
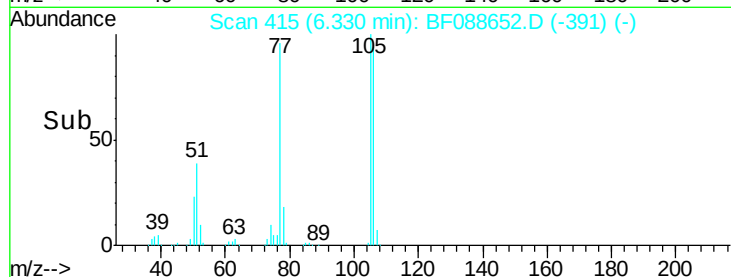
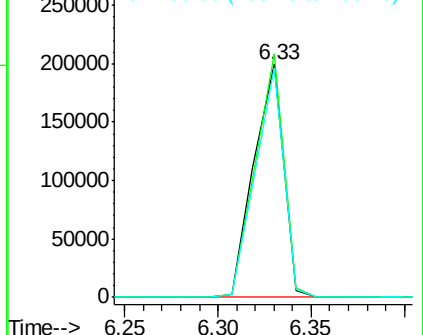
106 98.5 85.3 125.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.78 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

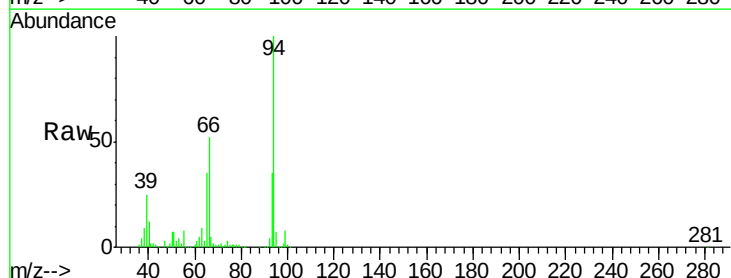
Tgt Ion: 94 Resp: 392163

Ion Ratio Lower Upper

94 100

65 35.0 5.9 45.9

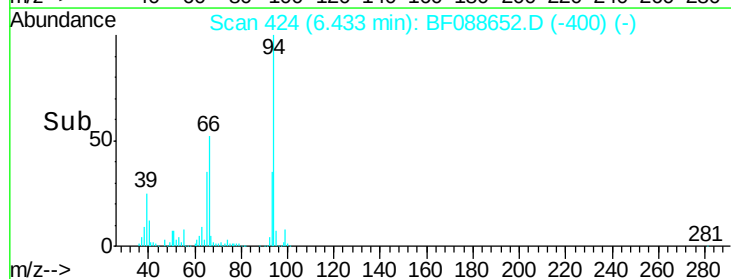
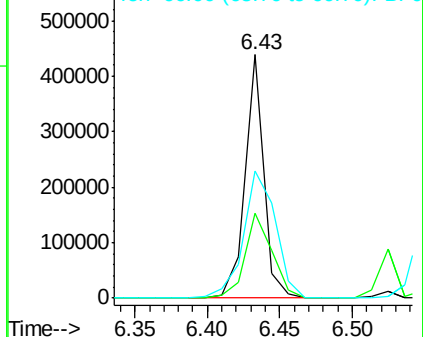
66 52.0 14.0 54.0

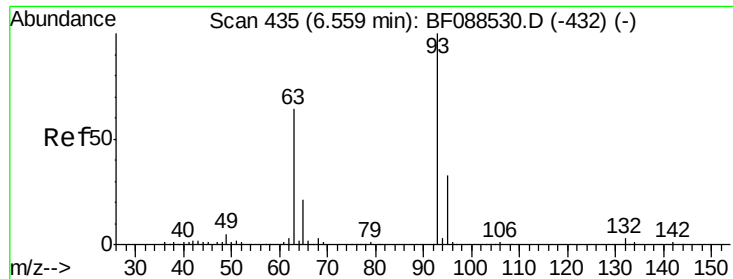


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.19 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

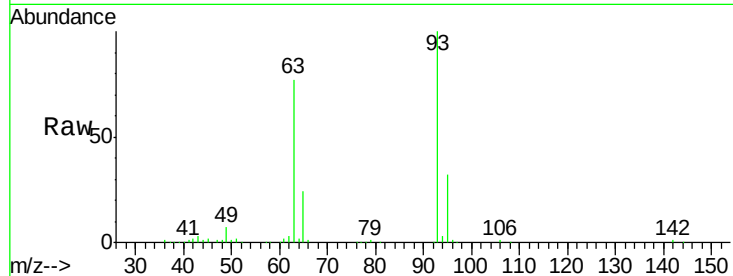
Tot Ion: 93 Resp: 295798

Ion Ratio Lower Upper

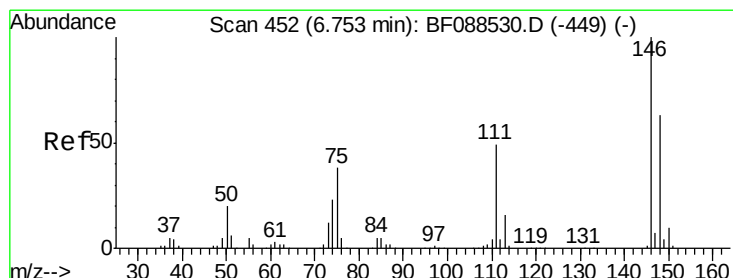
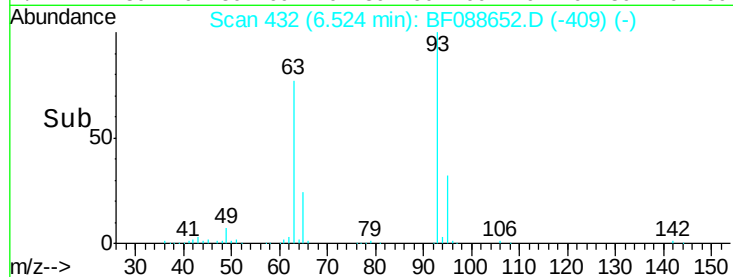
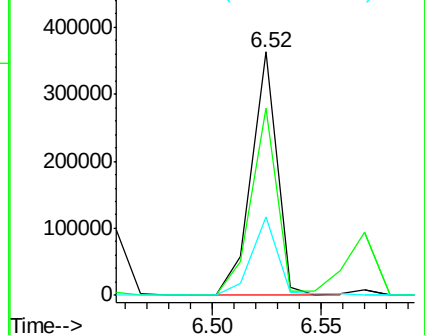
93 100

63 76.7 67.6 107.6

95 32.1 12.5 52.5



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: 36.81 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.21 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

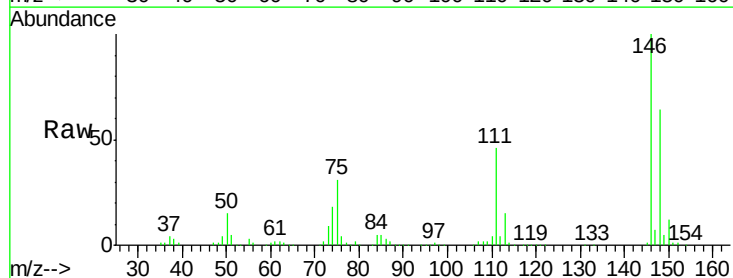
Tgt Ion: 146 Resp: 323589

Ion Ratio Lower Upper

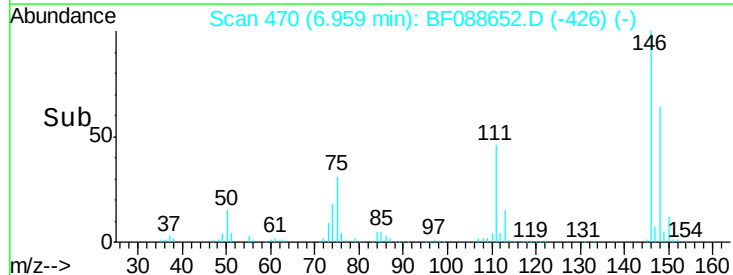
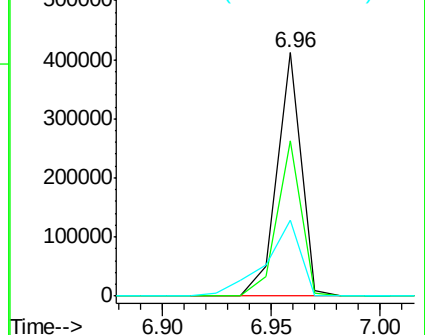
146 100

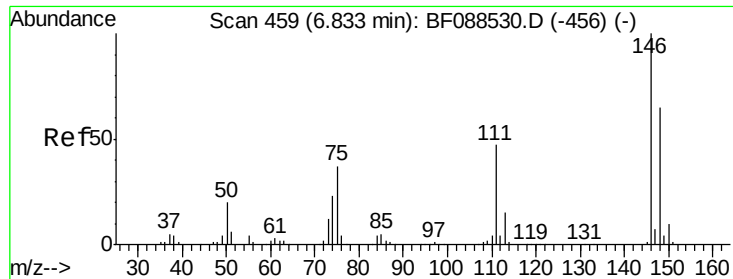
148 63.8 50.9 76.3

75 31.3 25.6 38.4



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

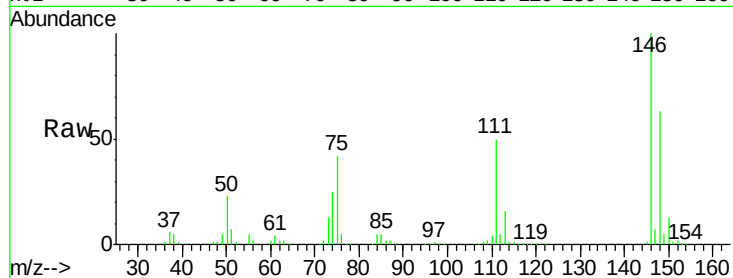




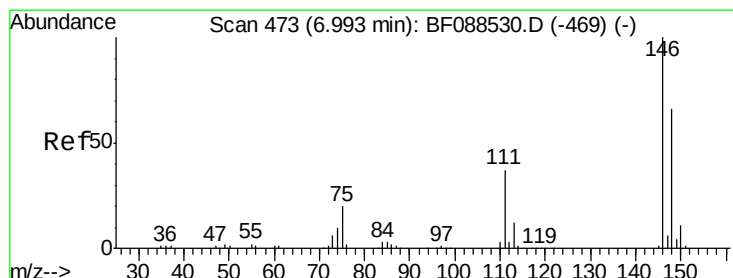
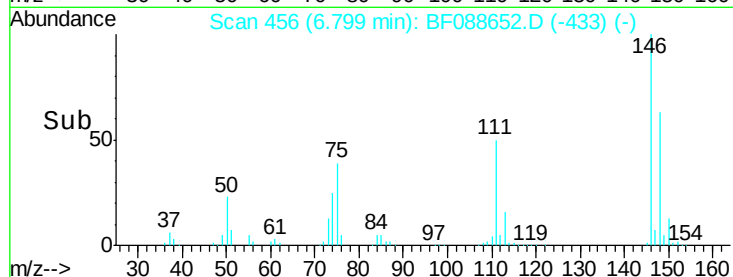
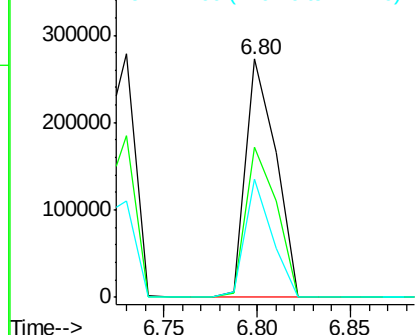
#13
 1,4-Dichlorobenzene
 Concen: 34.99 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 305286
 Ion Ratio Lower Upper
 146 100
 148 63.1 52.0 78.0
 111 49.7 33.8 50.8

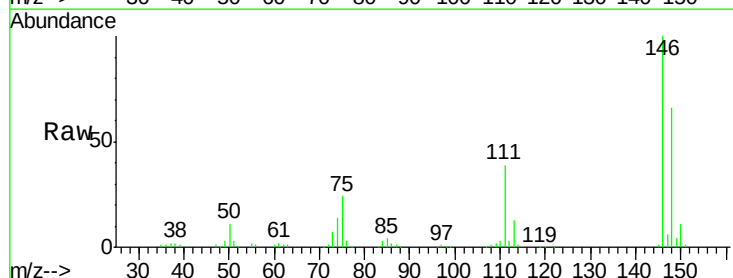


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

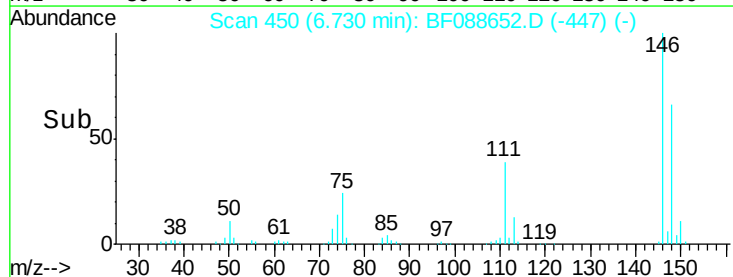
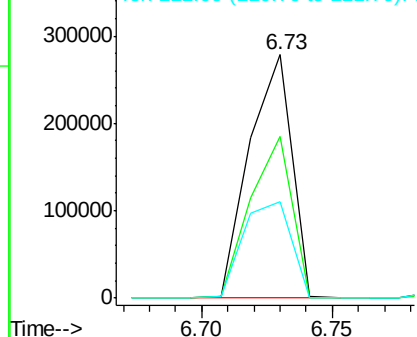


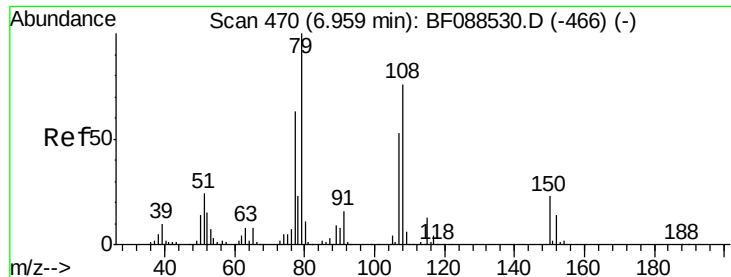
#14
 1,2-Dichlorobenzene
 Concen: 39.13 ng
 RT: 6.73 min Scan# 450
 Delta R.T. -0.26 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:146 Resp: 319584
 Ion Ratio Lower Upper
 146 100
 148 66.4 52.3 78.5
 111 39.4 28.7 43.1



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.09 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

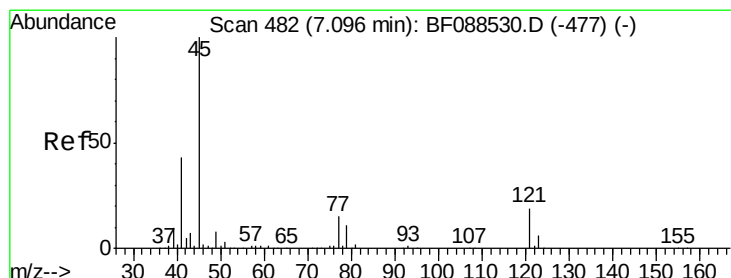
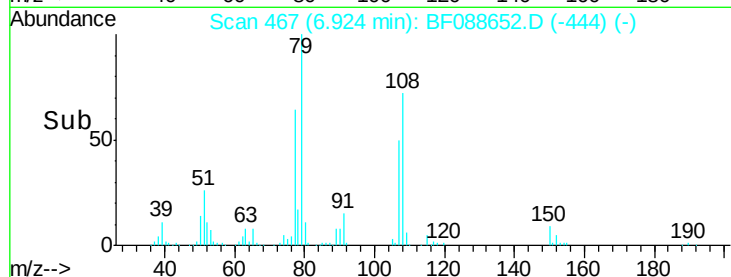
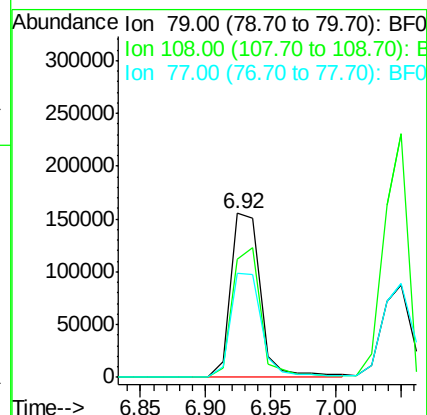
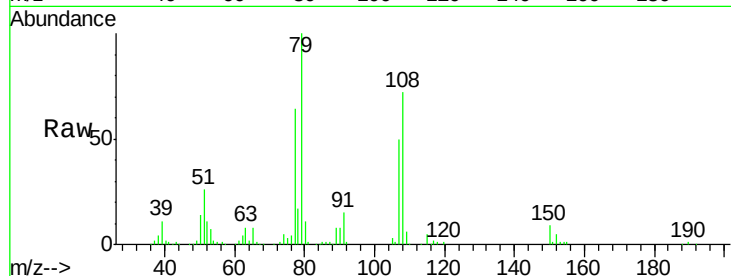
Tot Ion: 79 Resp: 247998

Ion Ratio Lower Upper

79 100

108 71.8 65.0 97.6

77 63.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.90 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

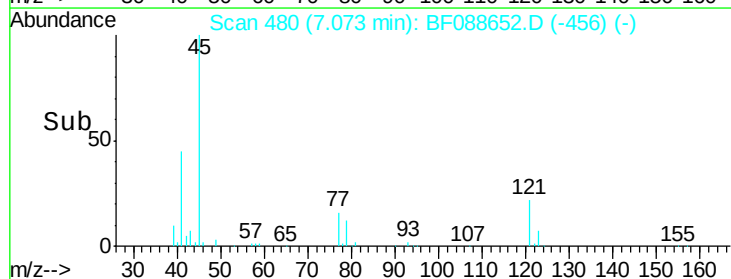
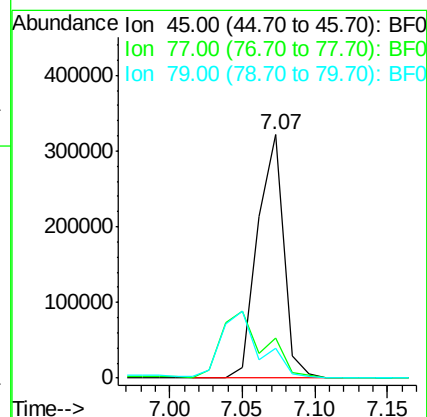
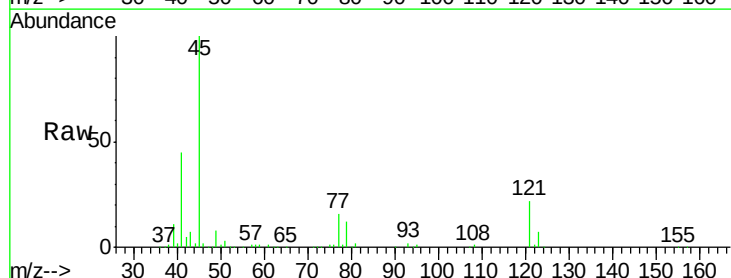
Tgt Ion: 45 Resp: 401269

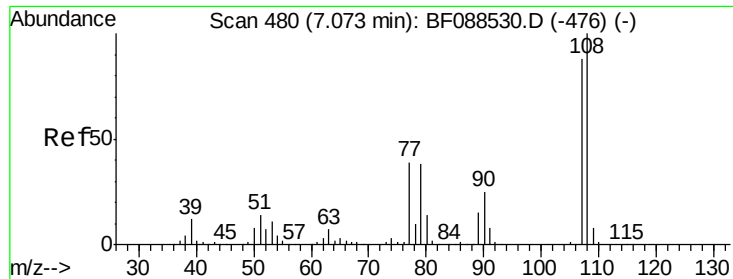
Ion Ratio Lower Upper

45 100

77 16.3 0.0 32.5

79 12.4 0.0 29.5

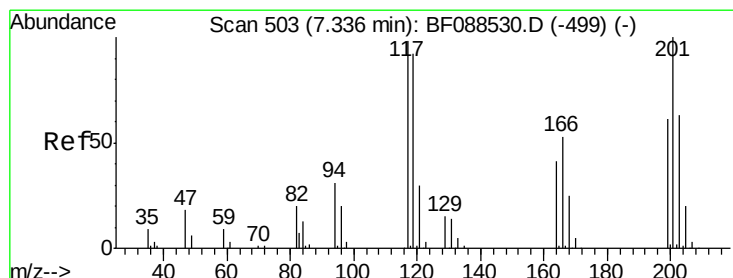
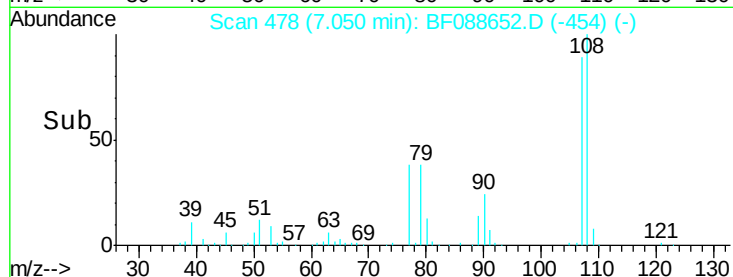
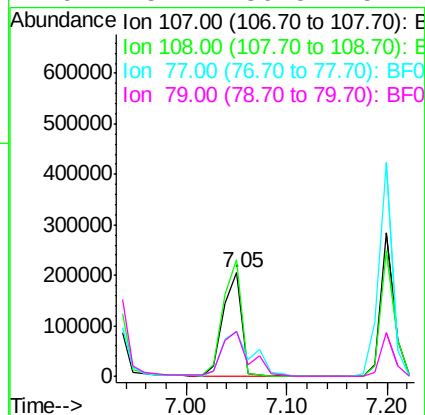
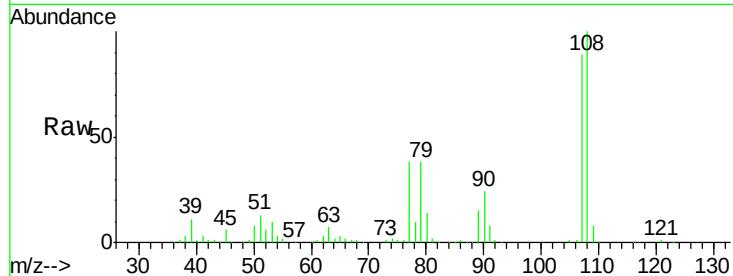




#17
2-Methylphenol
Concen: 39.95 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

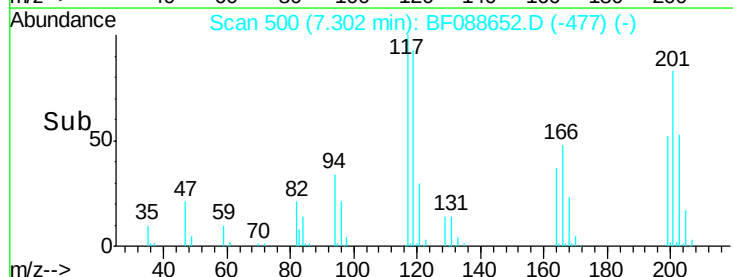
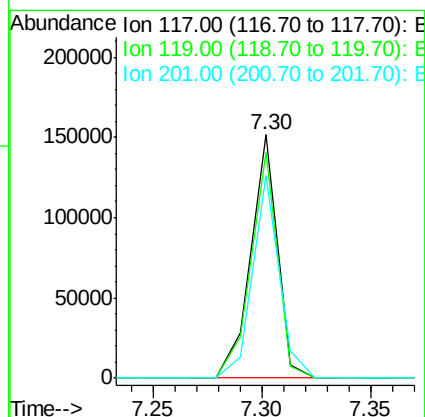
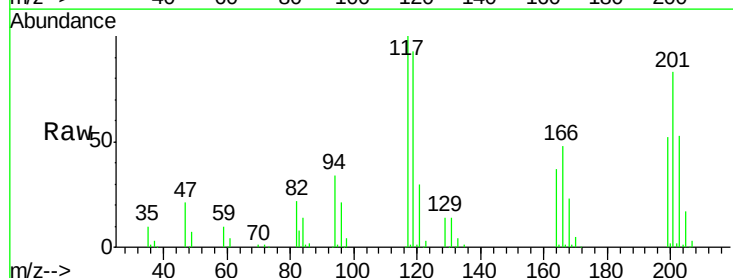
Instrument :
BNA_F
ClientSampleId :

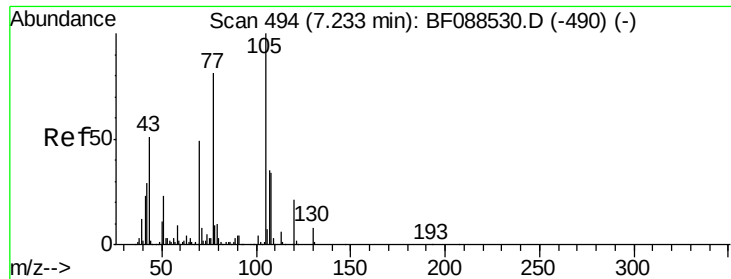
Tot Ion:	107	Resp:	260361
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	43.3	36.6	55.0
79	43.1	36.5	54.7



#18
Hexachloroethane
Concen: 38.20 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:	117	Resp:	128936
Ion	Ratio	Lower	Upper
117	100		
119	92.9	77.4	116.2
201	83.3	80.4	120.6

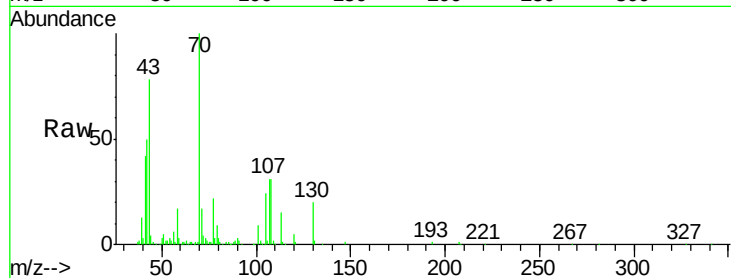




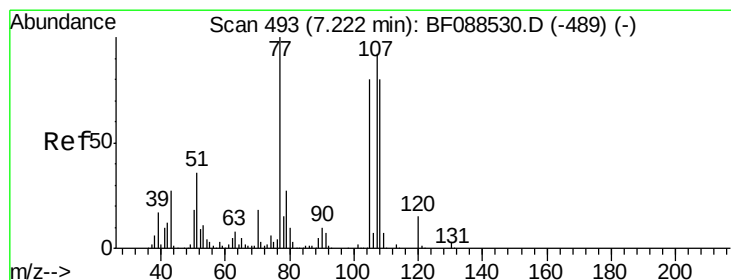
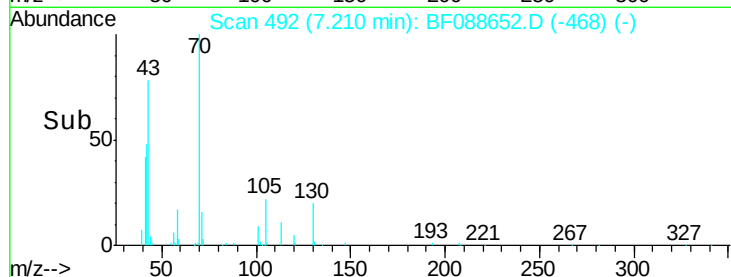
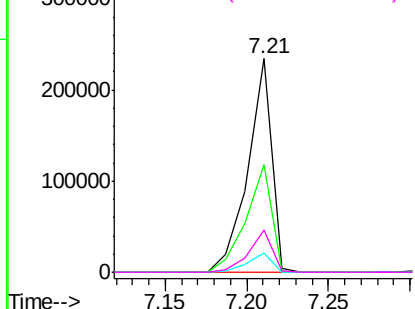
#19
n-Nitroso-di-n-propylamine
Concen: 36.93 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 238262
Ion Ratio Lower Upper
70 100
42 50.5 49.6 74.4
101 9.2 7.1 10.7
130 19.7 15.4 23.2

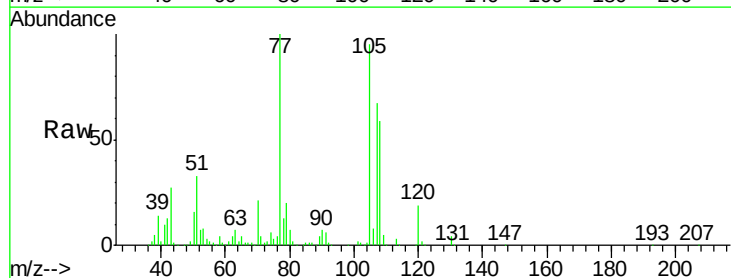


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

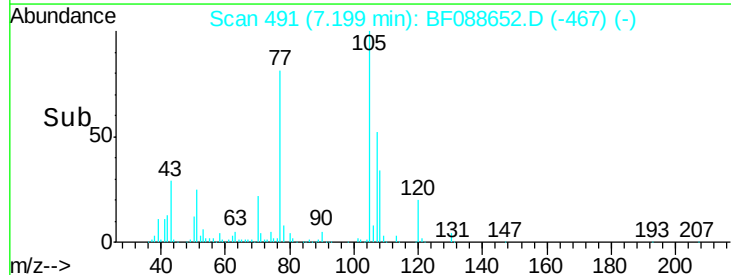
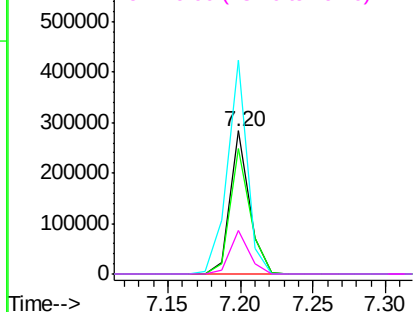


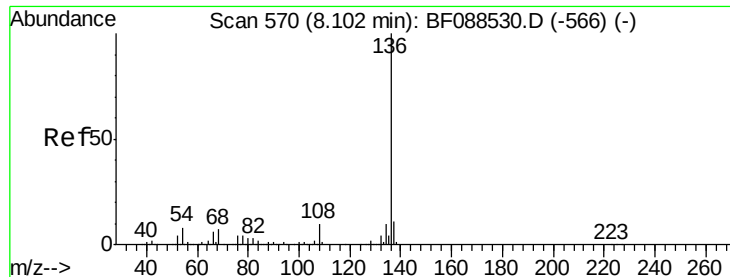
#20
3+4-Methylphenols
Concen: 33.57 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:107 Resp: 262586
Ion Ratio Lower Upper
107 100
108 87.9 67.8 107.8
77 149.3 59.3 99.3#
79 30.4 7.0 47.0



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 428631

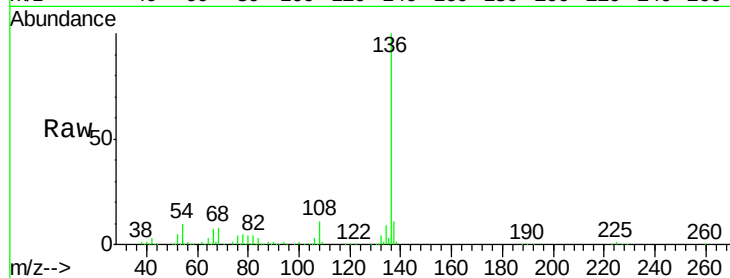
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 10.3 6.6 10.0#

68 8.3 5.1 7.7#

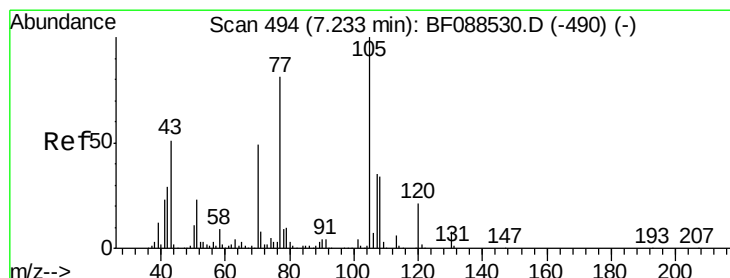
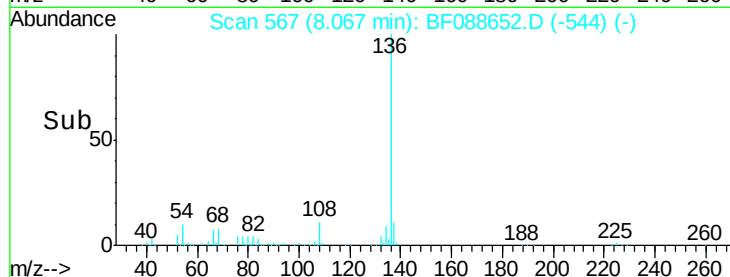
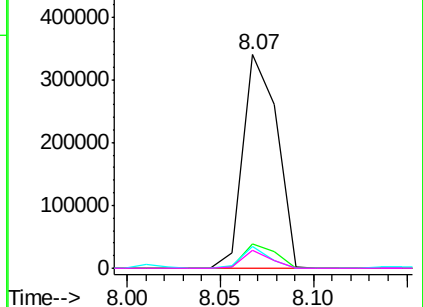


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.15 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Tgt Ion:105 Resp: 396910

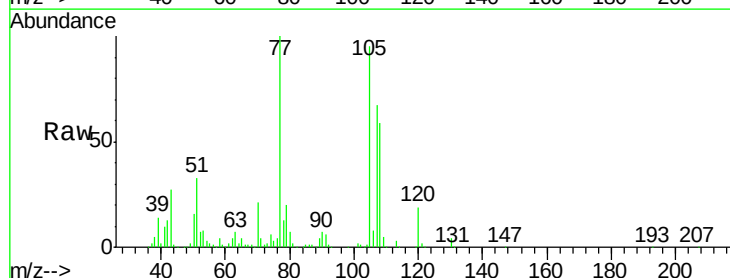
Ion Ratio Lower Upper

105 100

71 3.8 5.3 7.9#

51 34.8 18.2 27.4#

120 19.9 18.0 27.0

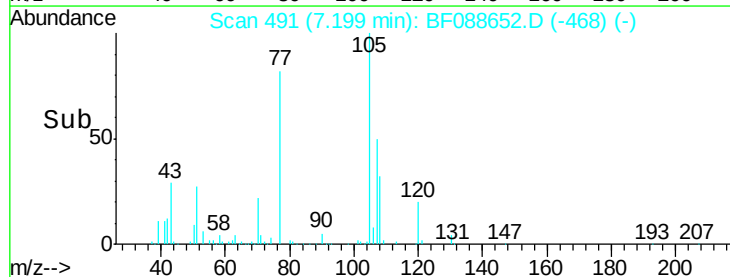
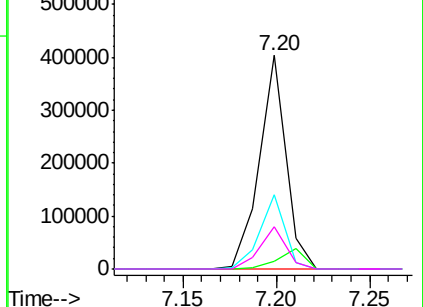


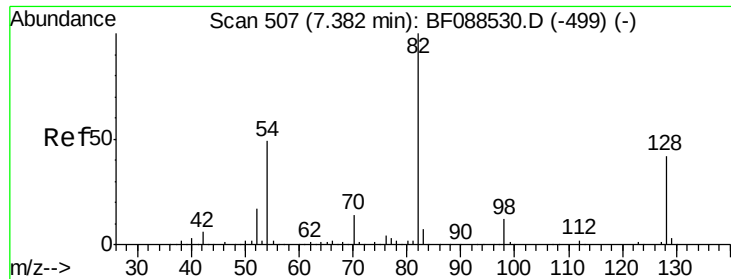
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

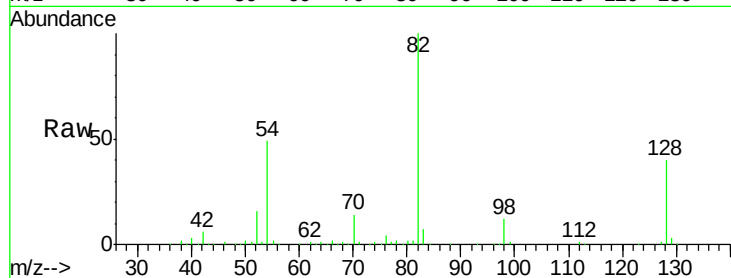




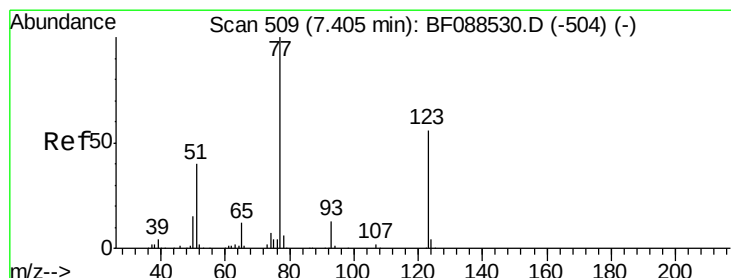
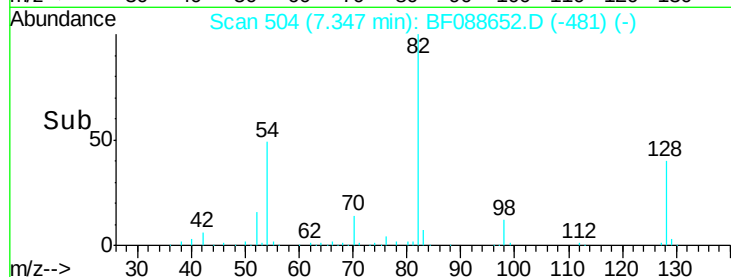
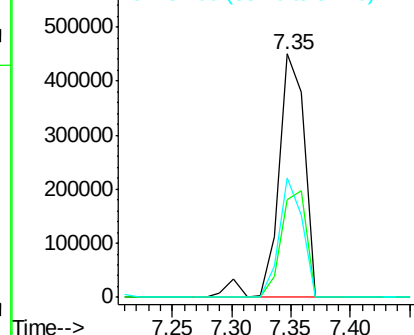
#23
 Nitrobenzene-d5
 Concen: 82.83 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 677452
 Ion Ratio Lower Upper
 82 100
 128 39.9 35.9 53.9
 54 48.8 40.9 61.3

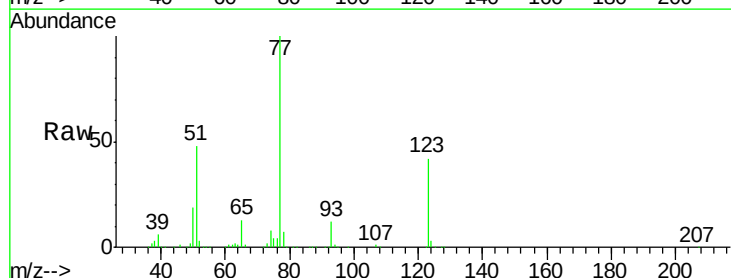


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

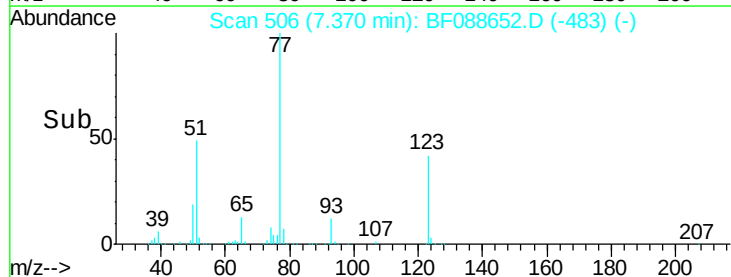
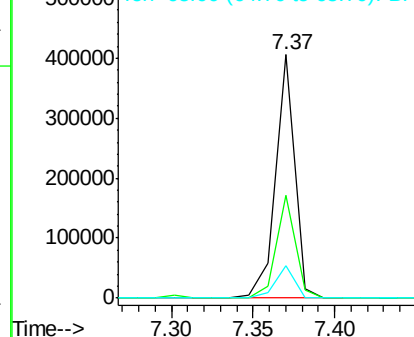


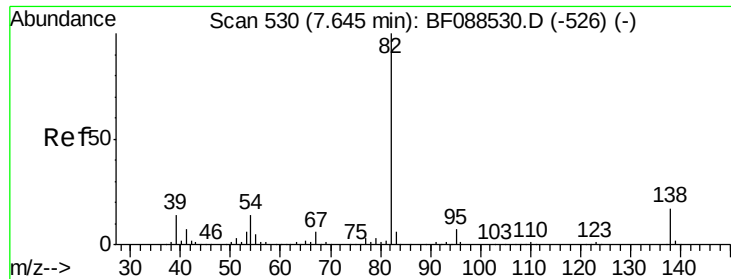
#24
 Nitrobenzene
 Concen: 40.35 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion: 77 Resp: 332788
 Ion Ratio Lower Upper
 77 100
 123 42.3 45.0 67.4#
 65 13.5 10.2 15.2



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





#25

Isophorone

Concen: 37.76 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

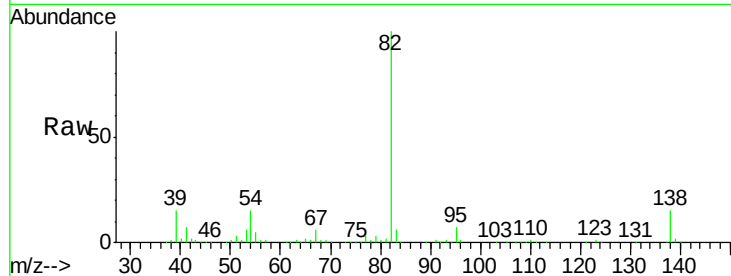
Tot Ion: 82 Resp: 572092

Ion Ratio Lower Upper

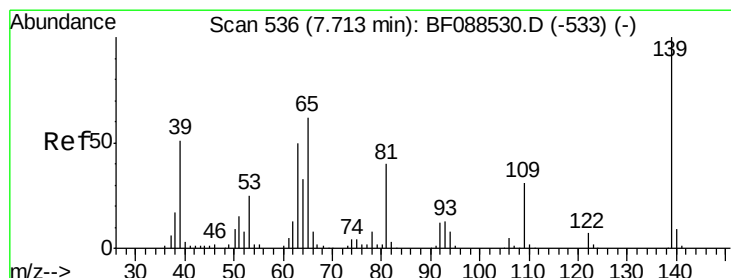
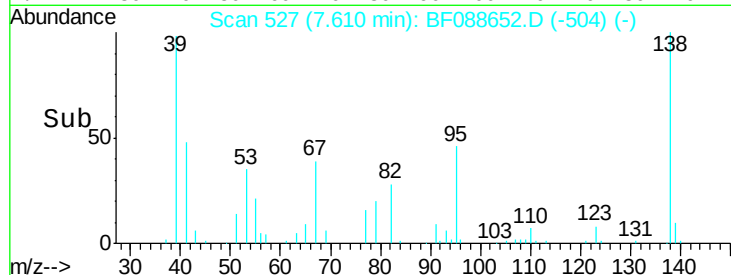
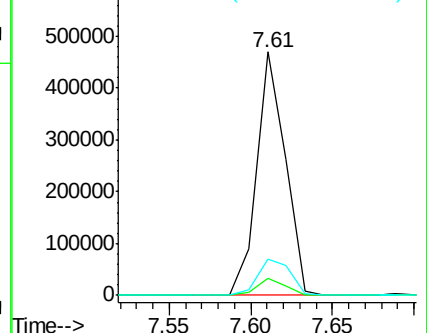
82 100

95 6.9 5.4 8.2

138 15.0 14.6 21.8



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: 49.88 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

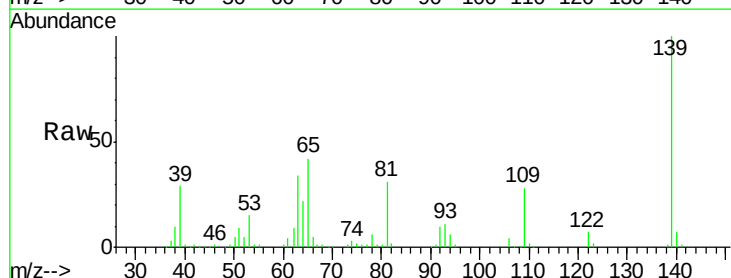
Tgt Ion: 139 Resp: 168694

Ion Ratio Lower Upper

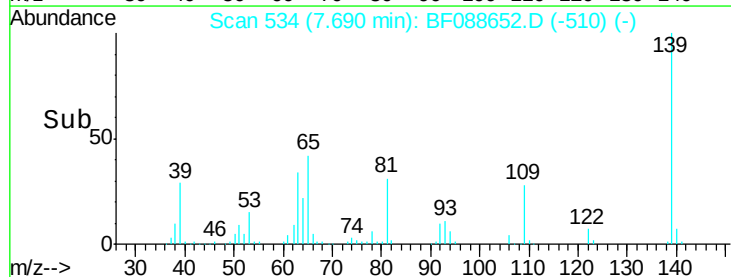
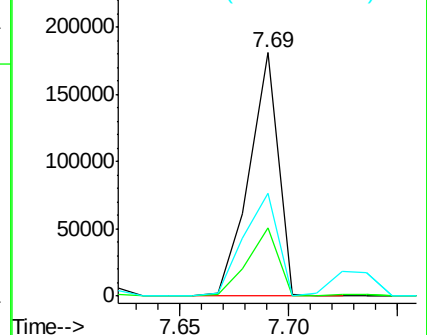
139 100

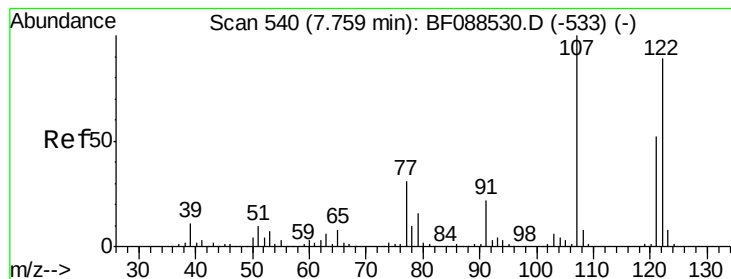
109 27.9 23.0 34.4

65 42.5 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 40.73 ng

RT: 7.74 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

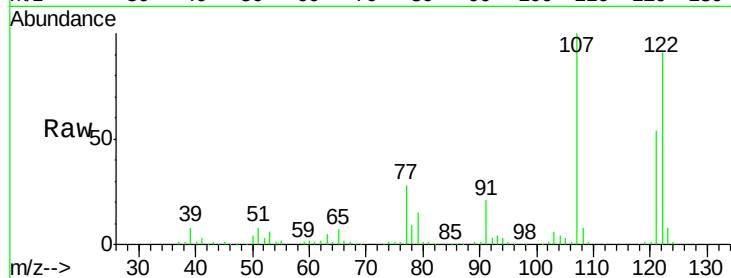
Tot Ion:122 Resp: 286861

Ion Ratio Lower Upper

122 100

107 109.8 82.4 123.6

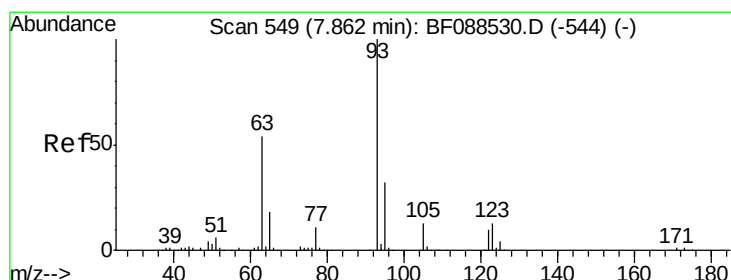
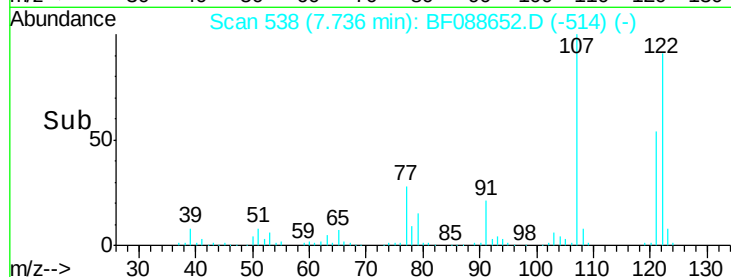
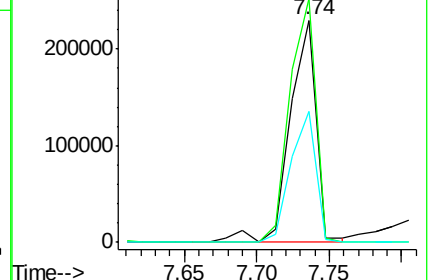
121 58.8 46.3 69.5



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: 38.40 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

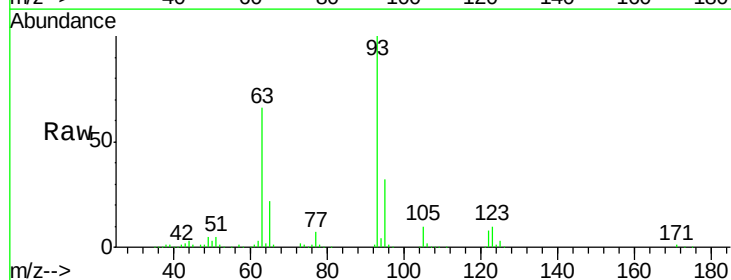
Tgt Ion: 93 Resp: 378647

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

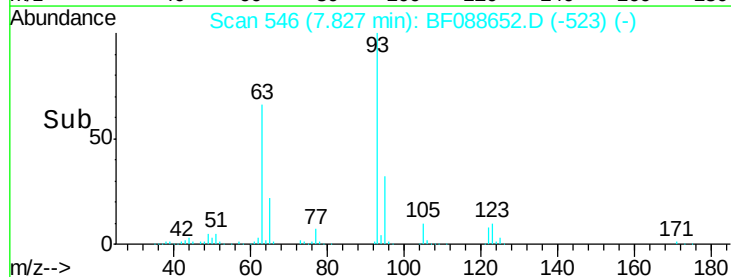
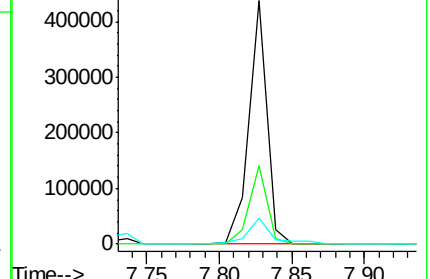
123 10.5 11.6 17.4#

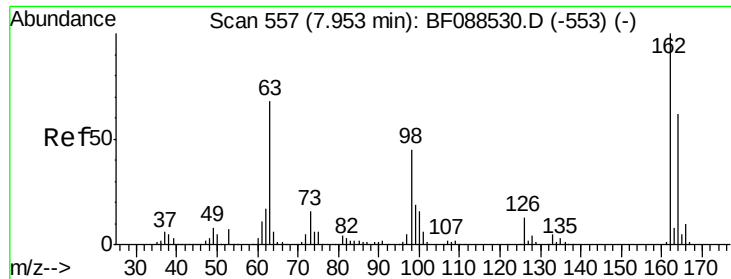


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

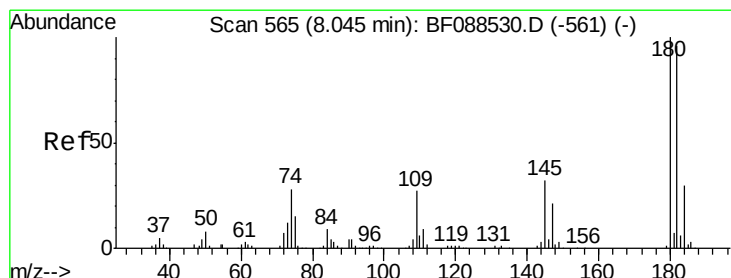
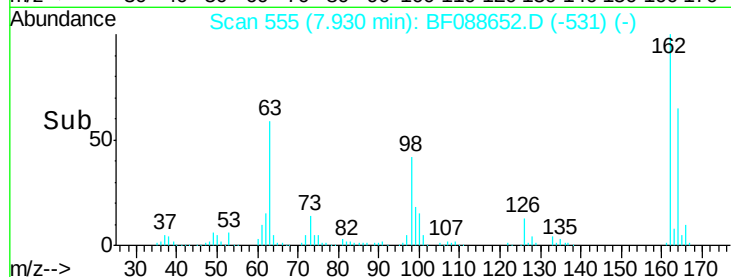
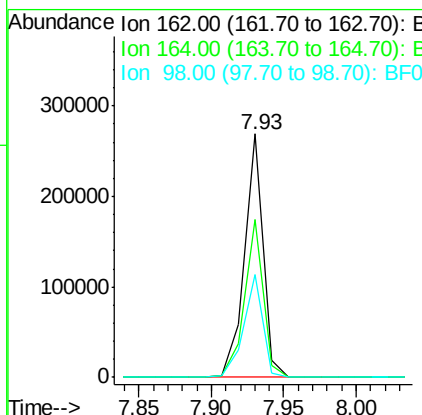
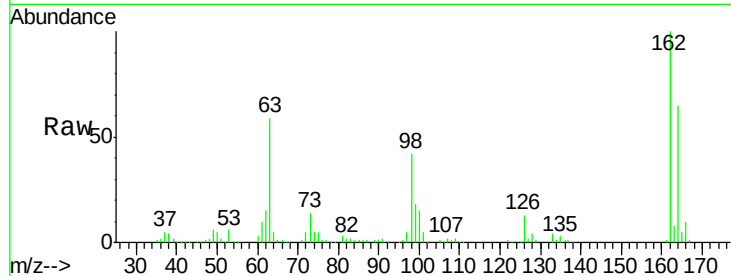




#29
 2,4-Dichlorophenol
 Concen: 42.32 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

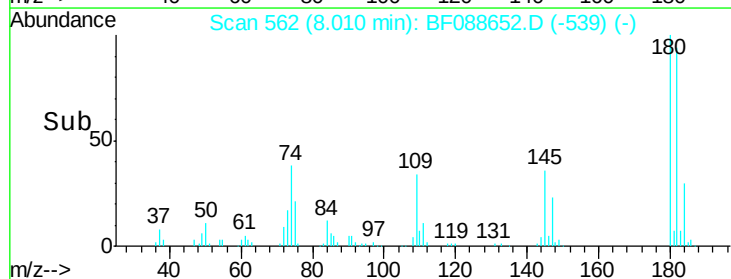
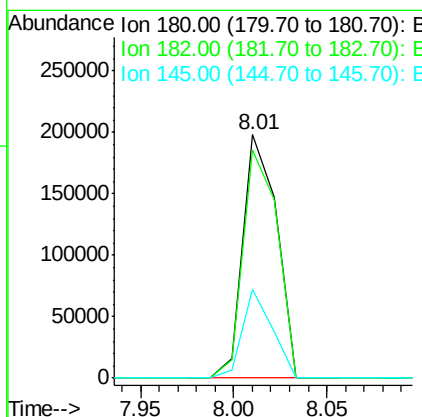
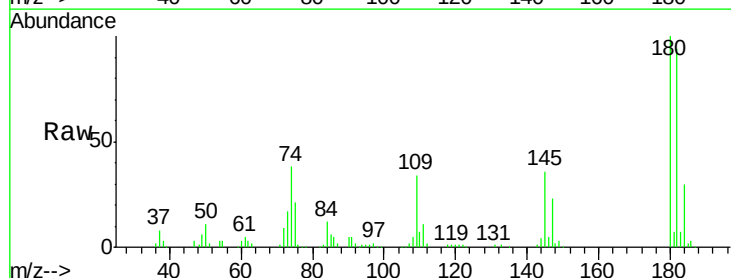
Instrument :
 BNA_F
 ClientSampleId :

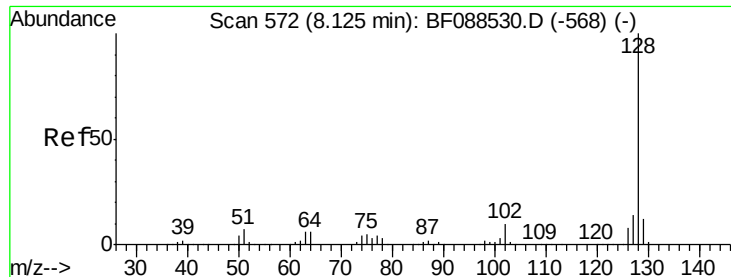
Tot Ion:162 Resp: 240923
 Ion Ratio Lower Upper
 162 100
 164 64.7 43.8 83.8
 98 42.3 21.3 61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 39.68 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:180 Resp: 247862
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.0 114.0
 145 36.4 26.5 39.7

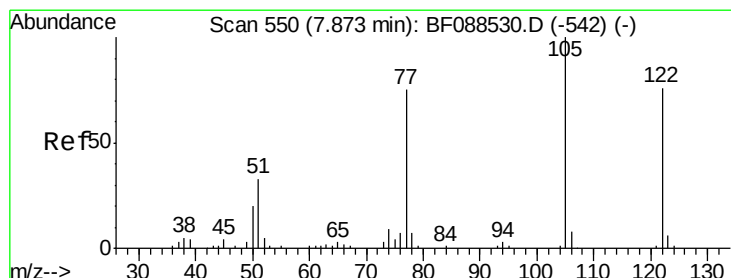
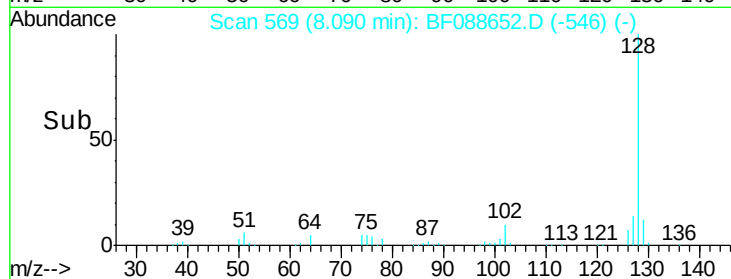
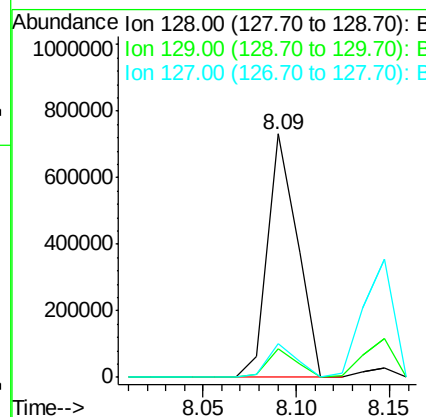
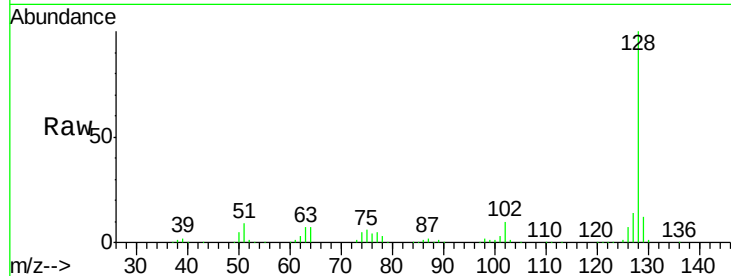




#31
Naphthalene
Concen: 38.00 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

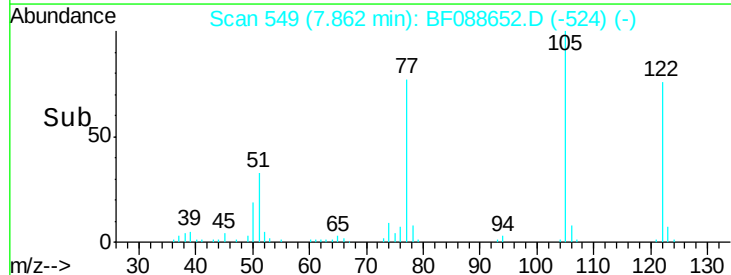
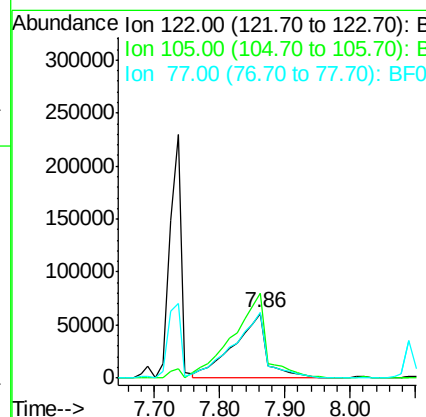
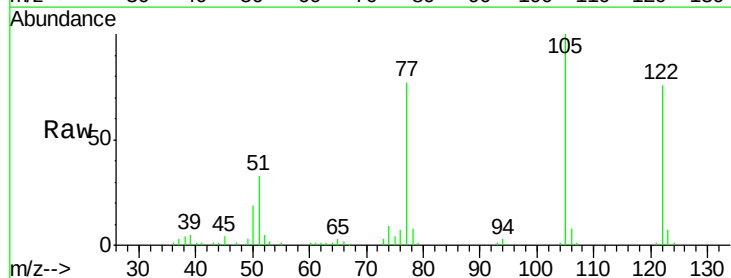
Instrument :
BNA_F
ClientSampled :

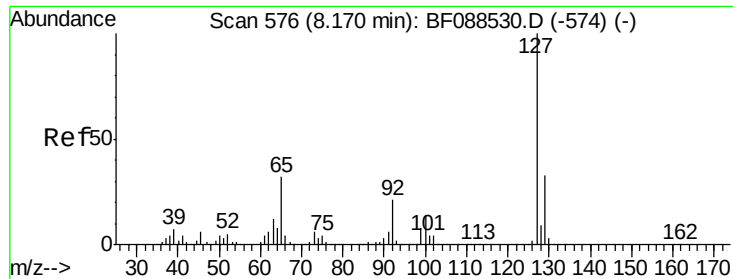
Tot Ion:128 Resp: 803015
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.2
127 13.8 10.9 16.3



#32
Benzoic acid
Concen: 41.62 ng
RT: 7.86 min Scan# 549
Delta R.T. -0.01 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:122 Resp: 212857
Ion Ratio Lower Upper
122 100
105 130.9 101.6 141.6
77 101.1 70.6 110.6

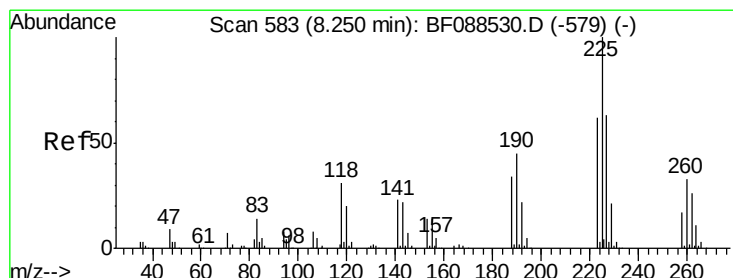
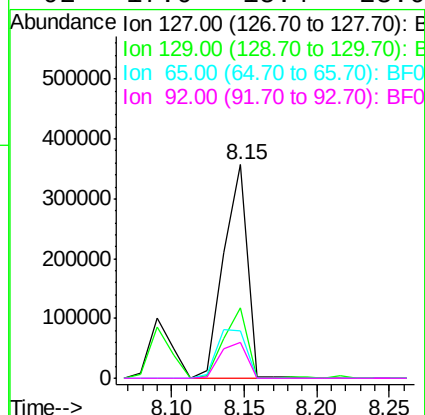
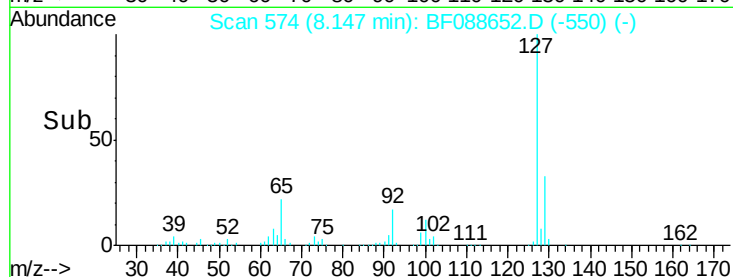
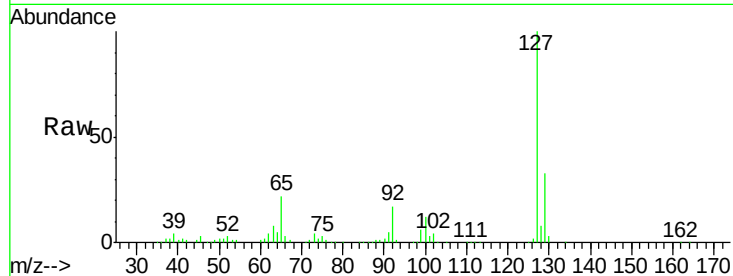




#33
4-Chloroaniline
Concen: 42.93 ng
RT: 8.15 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

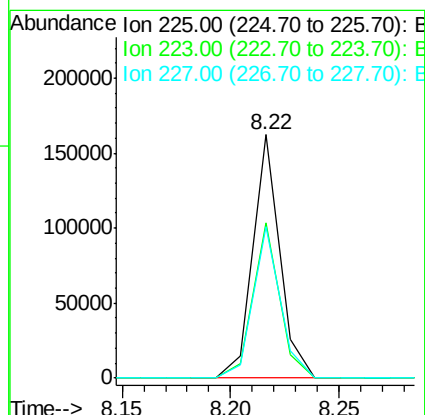
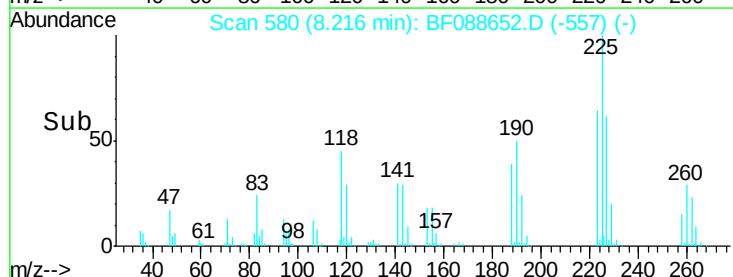
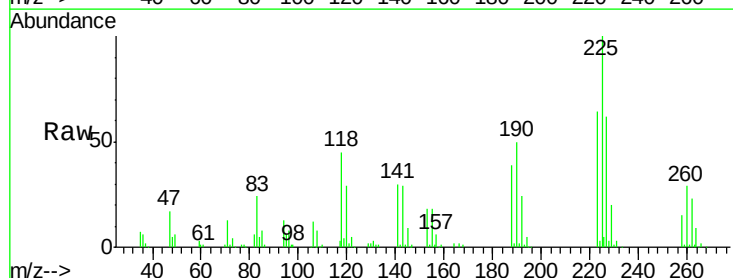
Instrument :
BNA_F
ClientSampled :

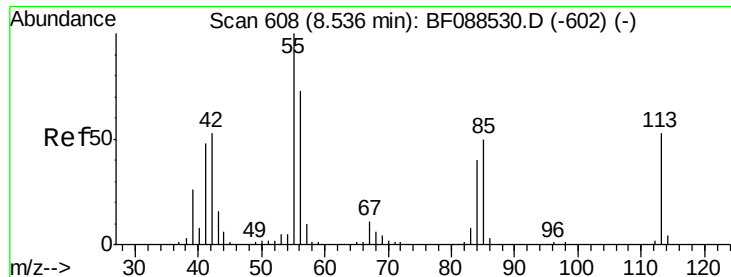
Tot Ion:	127	Resp:	403583
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	22.5	24.7	37.1#
92	17.0	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.55 ng
RT: 8.22 min Scan# 580
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:	225	Resp:	138966
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.9	76.3
227	62.2	51.9	77.9

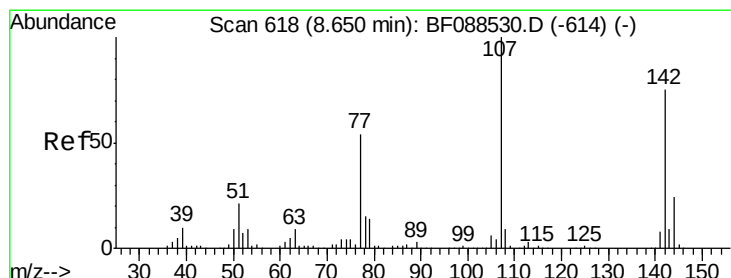
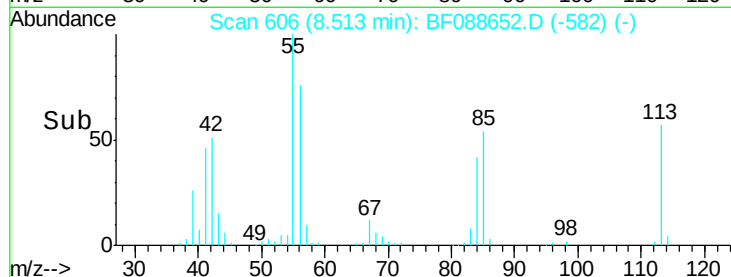
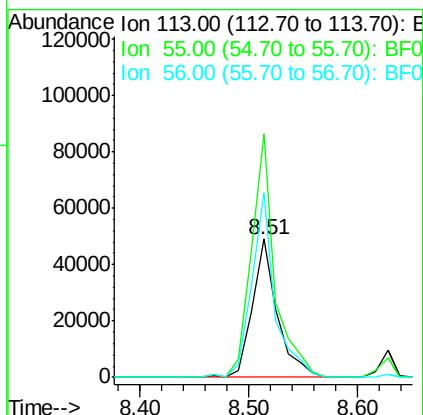
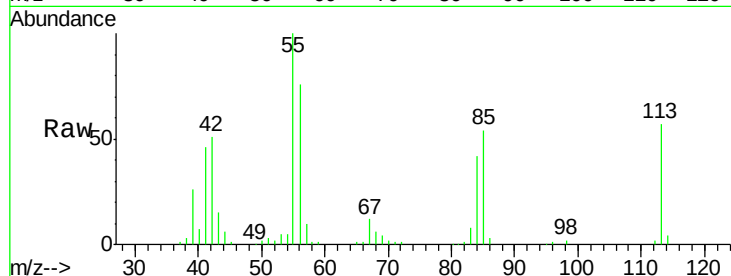




#35
 Caprolactam
 Concen: 40.44 ng
 RT: 8.51 min Scan# 606
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

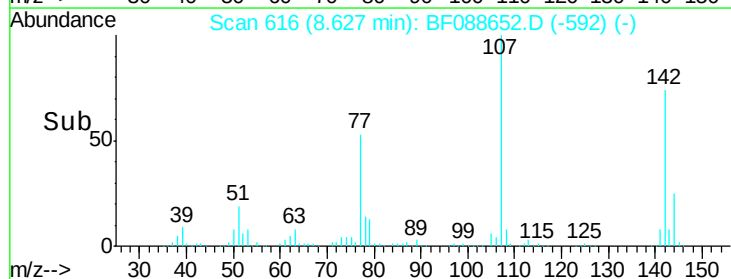
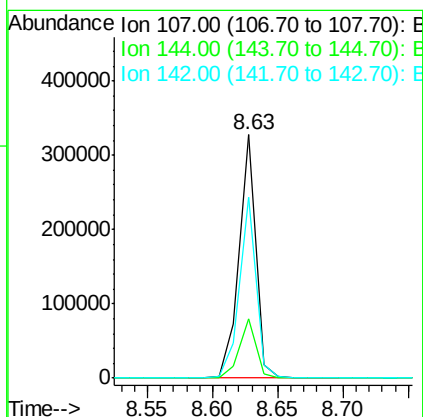
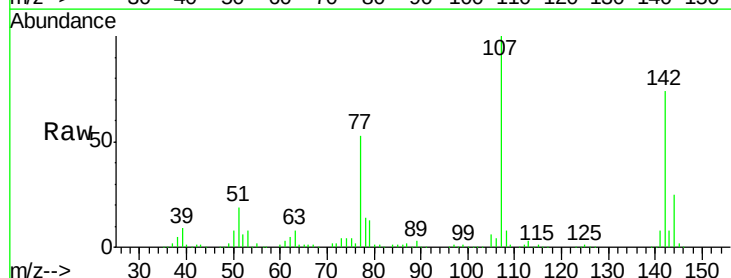
Instrument :
 BNA_F
 ClientSampled :

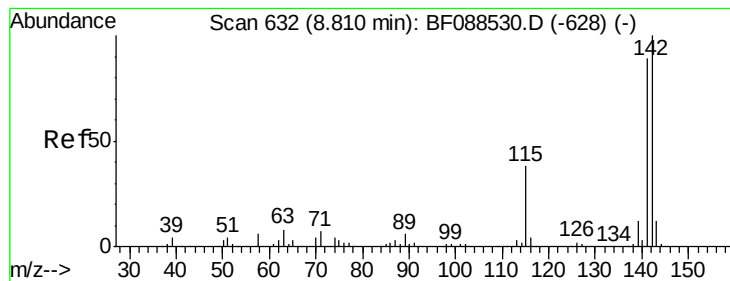
Tot Ion:113 Resp: 78190
 Ion Ratio Lower Upper
 113 100
 55 175.8 158.6 198.6
 56 133.1 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 43.32 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:107 Resp: 291599
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.8 31.2
 142 74.4 63.4 95.2

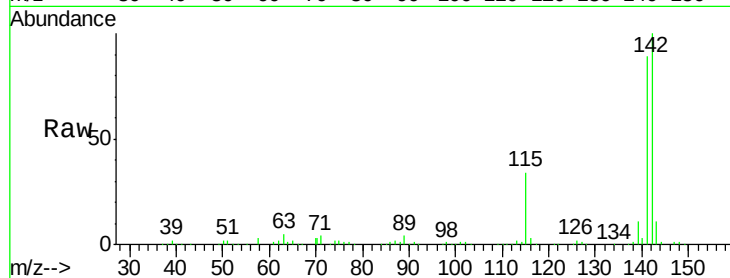




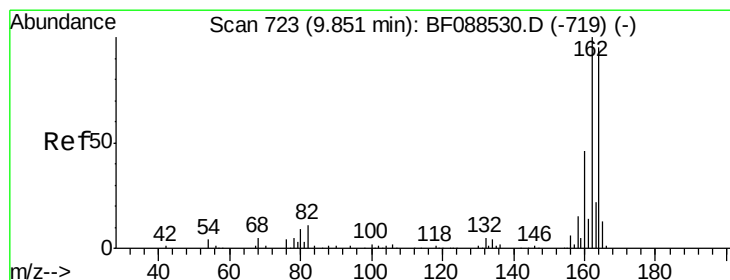
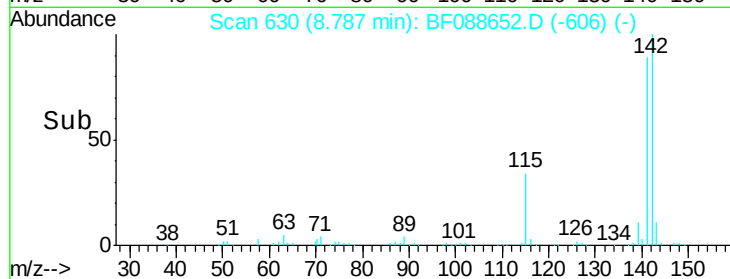
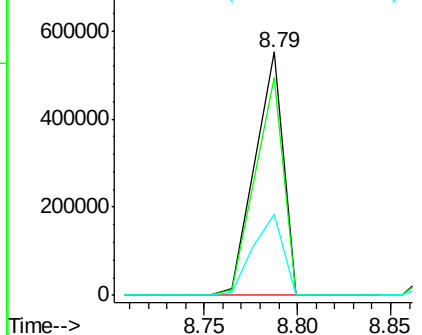
#37
2-Methylnaphthalene
Concen: 42.50 ng
RT: 8.79 min Scan# 630
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 578240
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6
115 33.5 22.6 33.8

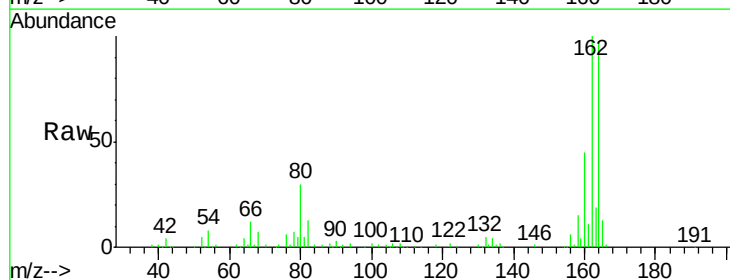


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

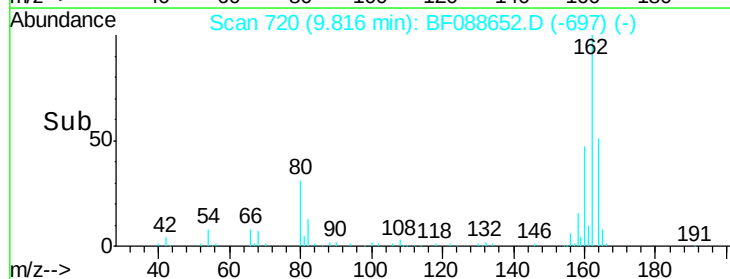
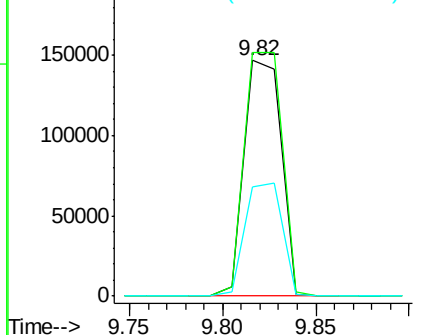


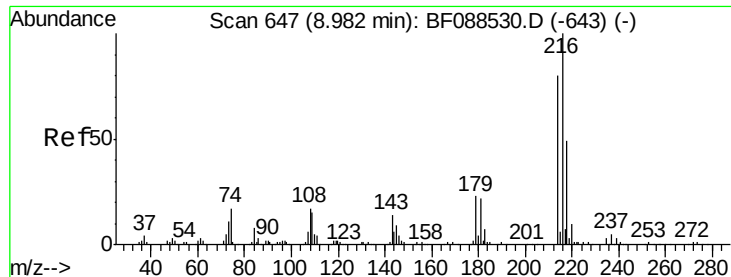
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:164 Resp: 202030
Ion Ratio Lower Upper
164 100
162 103.3 85.4 128.2
160 46.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.88 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 254548

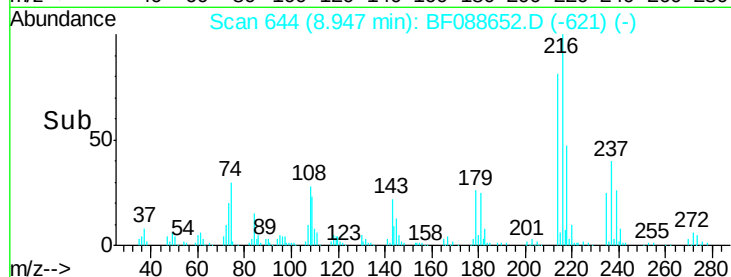
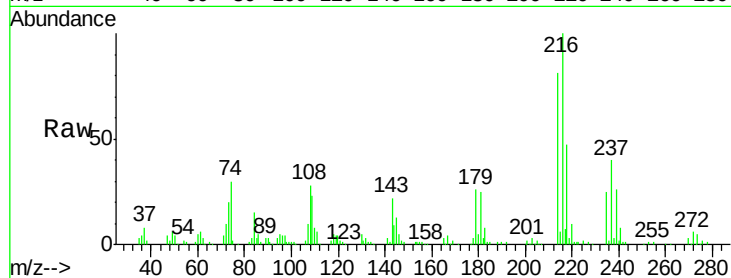
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 23.1 0.0 0.0#

108 23.3 0.5 0.7#

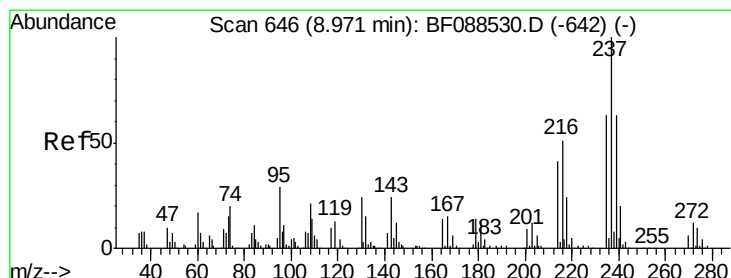
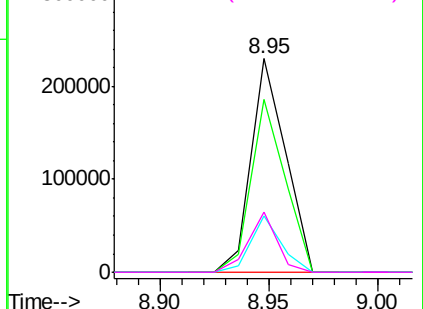


Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.92 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

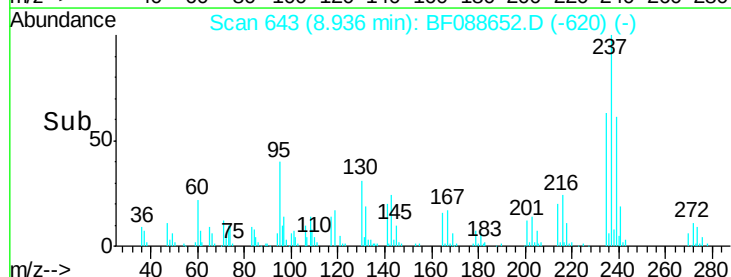
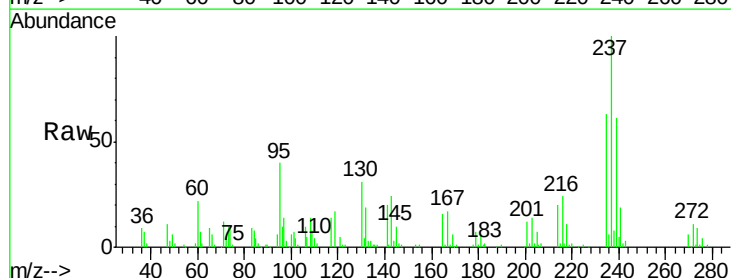
Tgt Ion:237 Resp: 131656

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

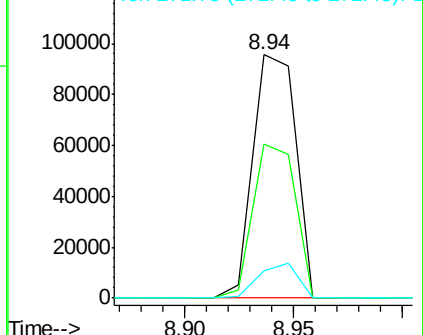
272 11.0 0.0 32.3

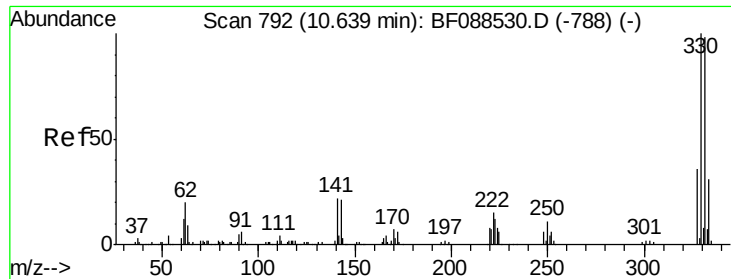


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

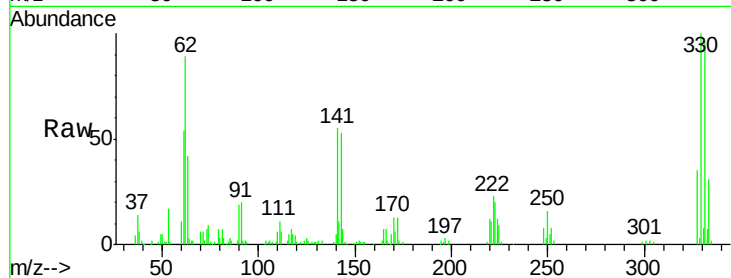




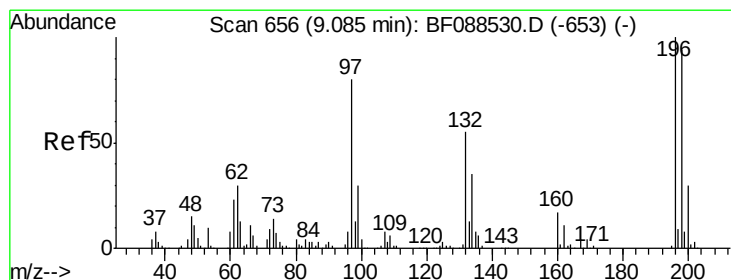
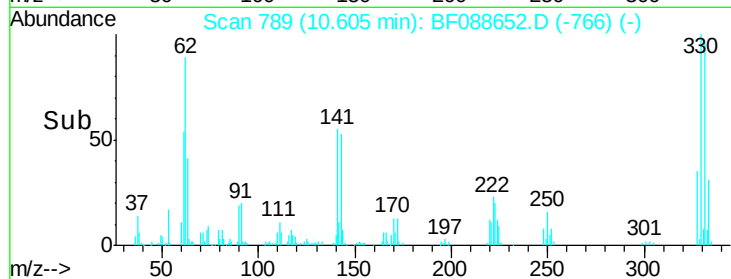
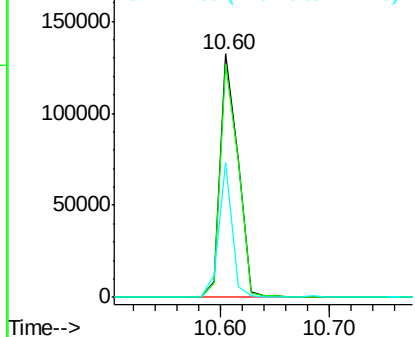
#41
 2,4,6-Tribromophenol
 Concen: 80.89 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 151756
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 42.0 0.0 0.0#

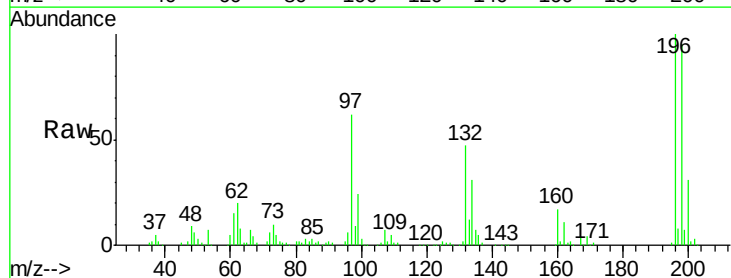


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

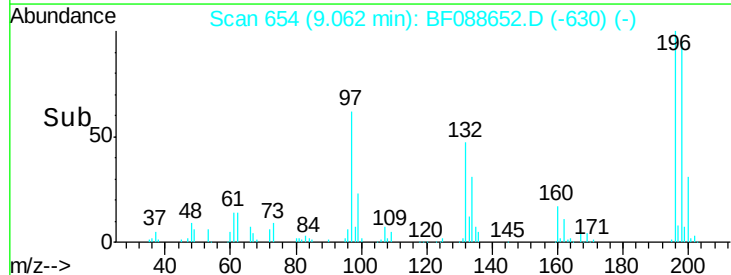
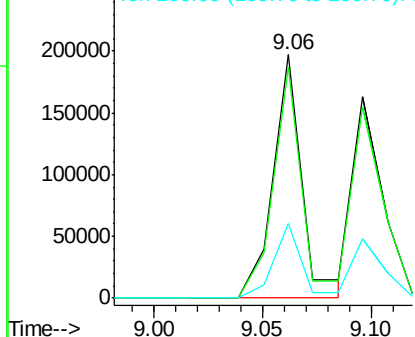


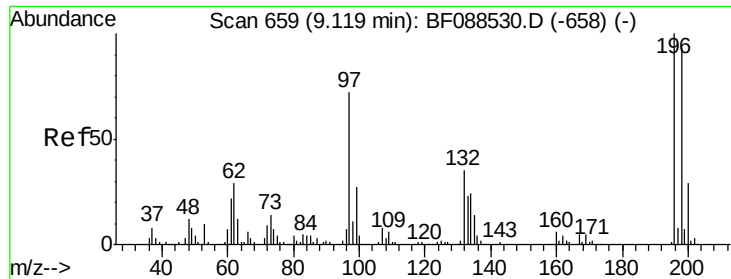
#42
 2,4,6-Trichlorophenol
 Concen: 41.27 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:196 Resp: 182856
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.0 117.0
 200 30.8 25.4 38.2



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

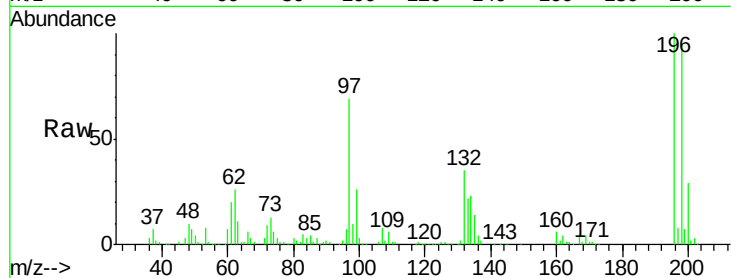




#43
 2,4,5-Trichlorophenol
 Concen: 41.86 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	77.5	116.3
97	68.6	32.0	48.0
132	34.8	20.9	31.3



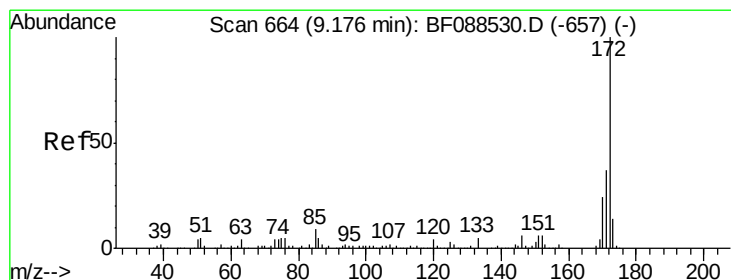
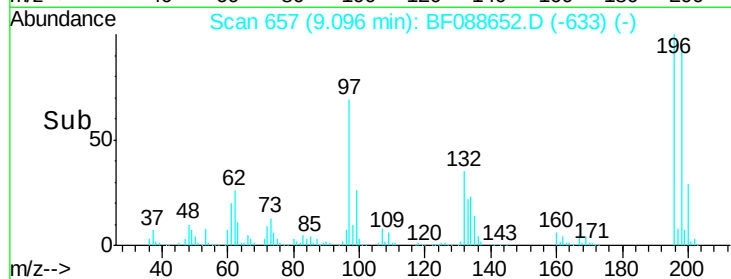
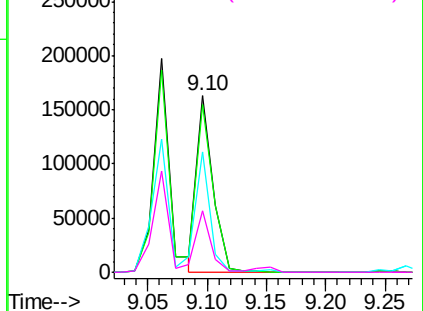
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

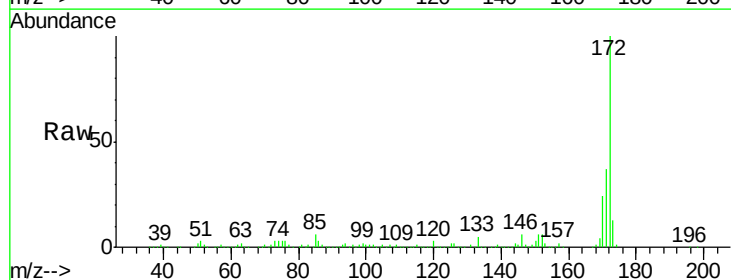
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.40 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	24.4	19.2	28.8

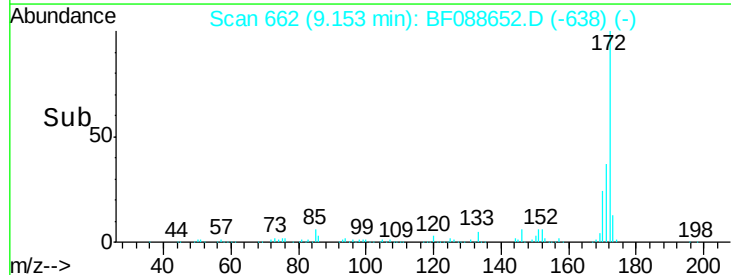
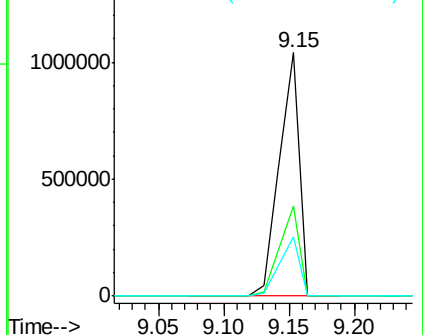


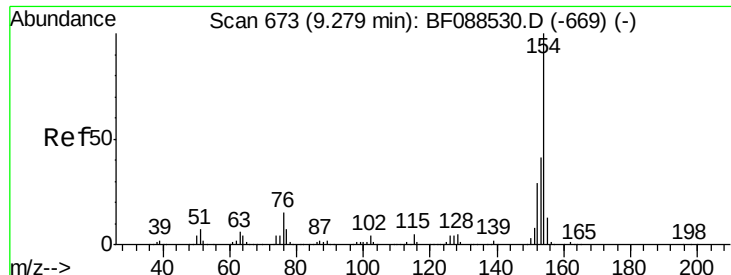
Abundance

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

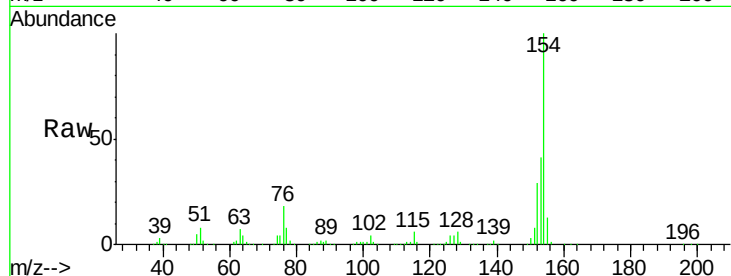




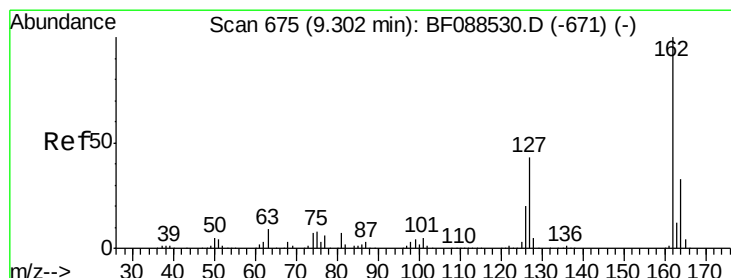
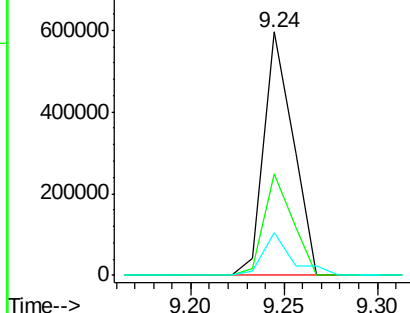
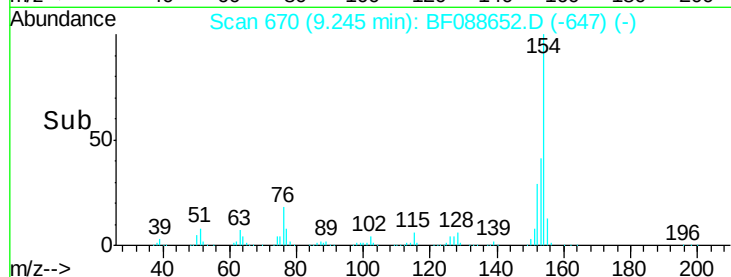
#45
 1,1'-Biphenyl
 Concen: 38.47 ng
 RT: 9.24 min Scan# 670
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.6	60.6
76	17.5	0.0	35.1

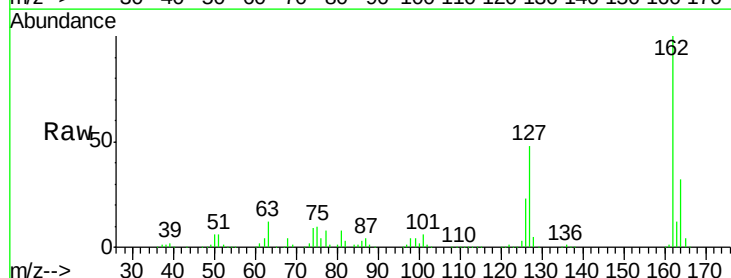


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

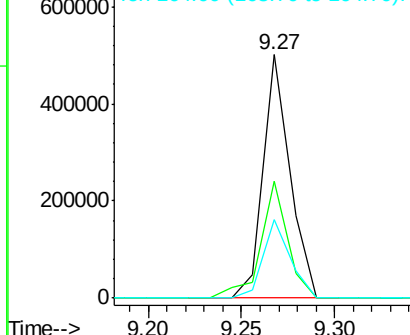
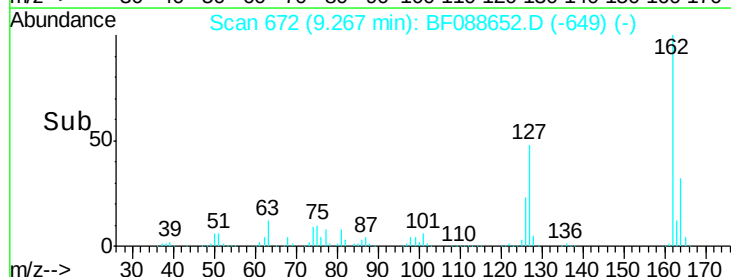


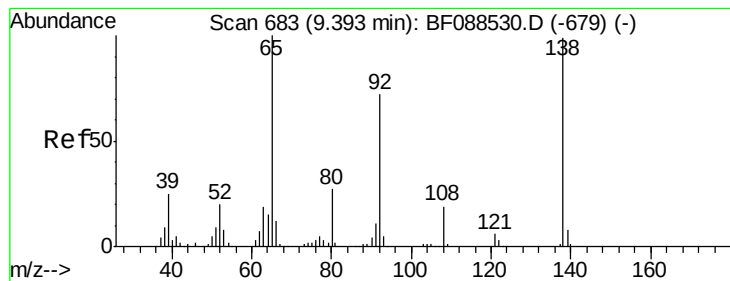
#46
 2-Chloronaphthalene
 Concen: 37.77 ng
 RT: 9.27 min Scan# 672
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.9	35.2	52.8
164	32.4	26.6	39.8



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





#47

2-Nitroaniline

Concen: 37.63 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

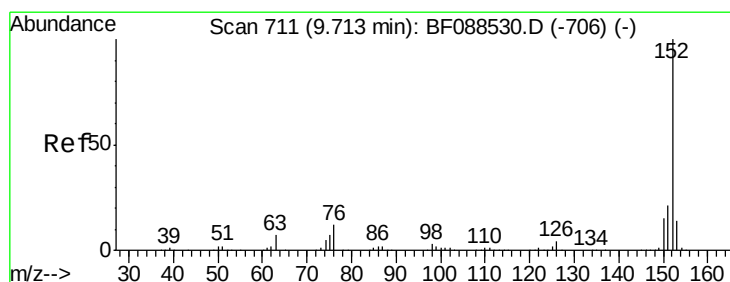
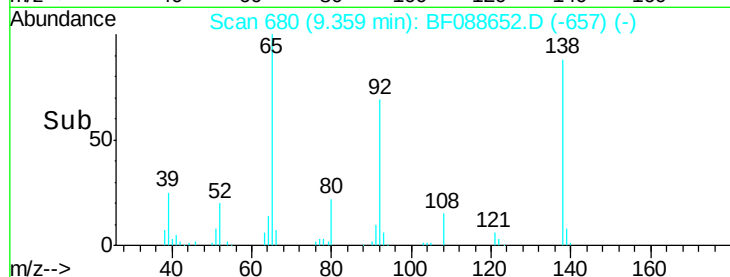
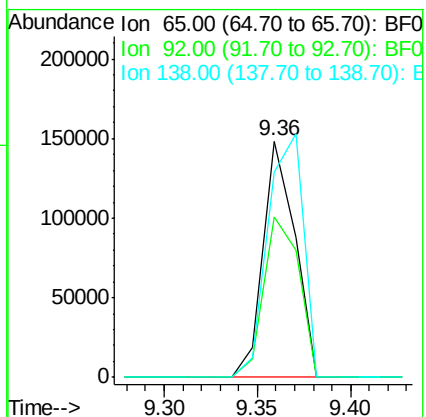
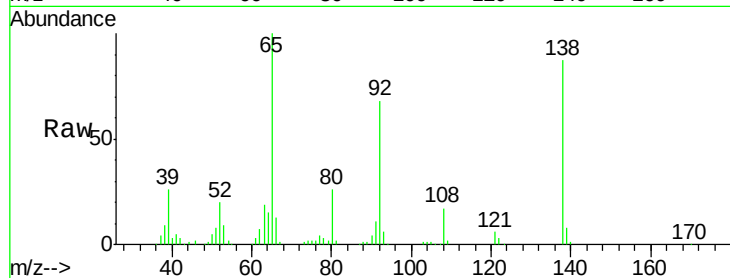
Tot Ion: 65 Resp: 175380

Ion Ratio Lower Upper

65 100

92 67.8 54.6 82.0

138 87.0 77.0 115.4



#48

Acenaphthylene

Concen: 38.40 ng

RT: 9.68 min Scan# 708

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

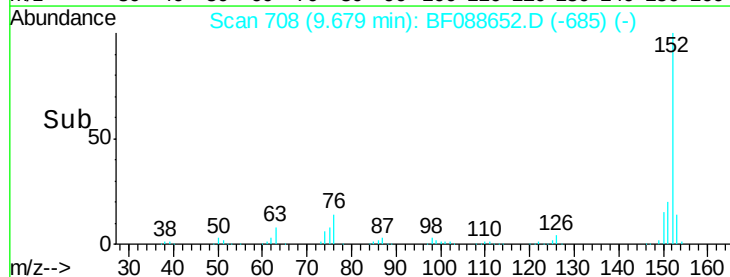
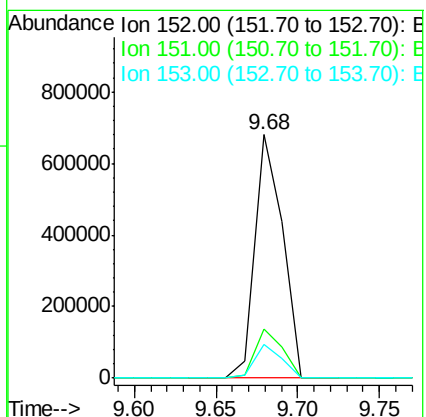
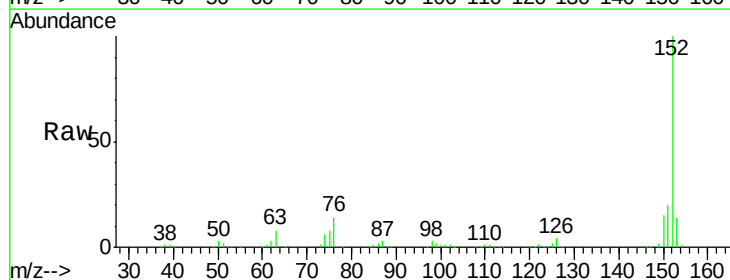
Tgt Ion: 152 Resp: 802413

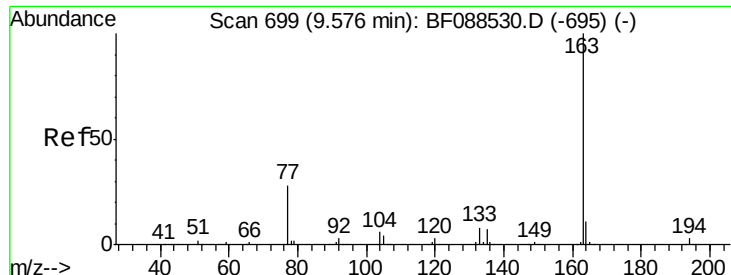
Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

153 13.7 11.0 16.6

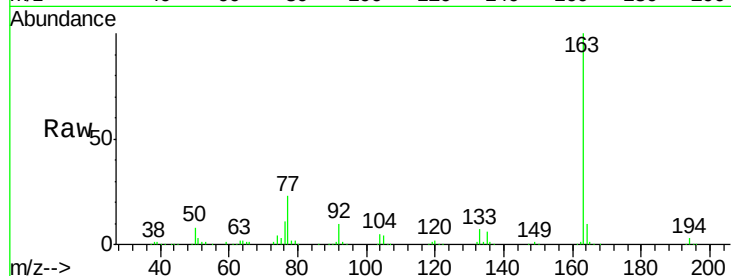




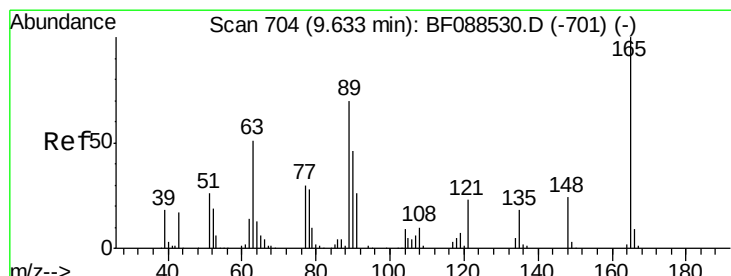
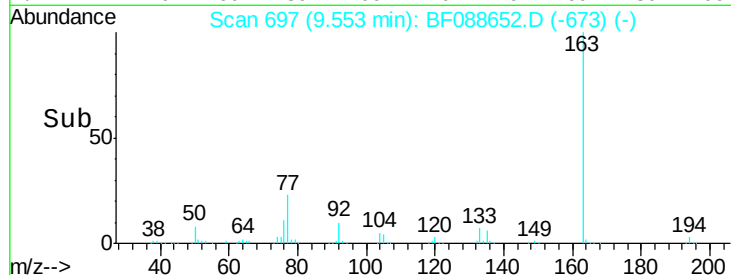
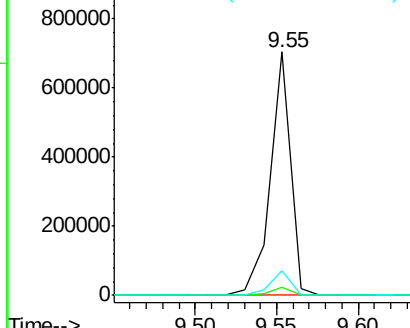
#49
Dimethylphthalate
Concen: 42.30 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 608833
Ion Ratio Lower Upper
163 100
194 3.4 2.8 4.2
164 10.2 8.3 12.5

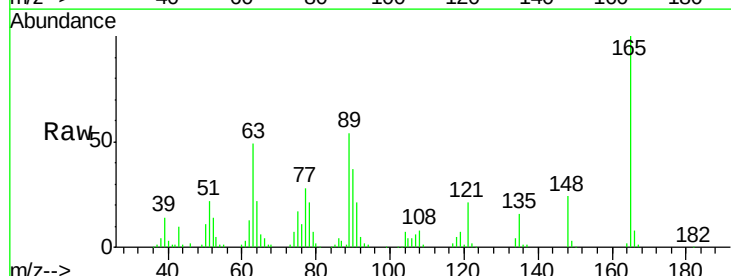


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

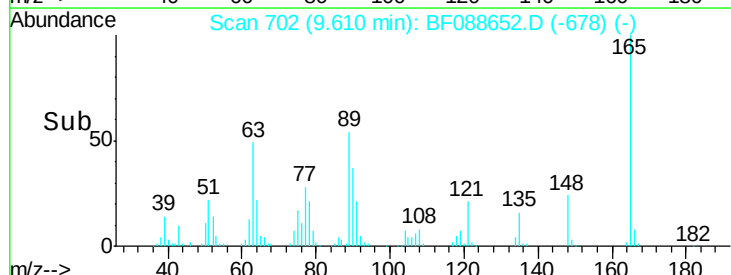
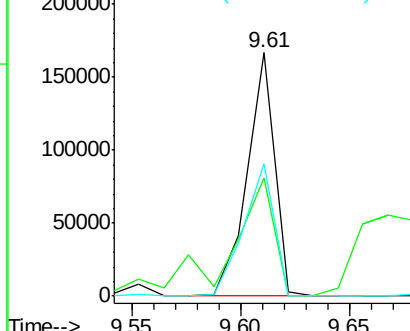


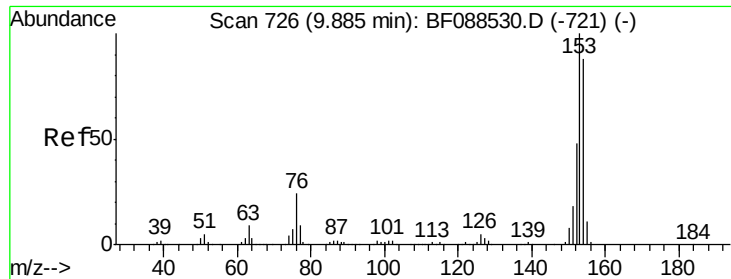
#50
2,6-Dinitrotoluene
Concen: 45.62 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:165 Resp: 145520
Ion Ratio Lower Upper
165 100
63 48.6 28.1 42.1#
89 54.4 32.2 48.2#



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: 39.83 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

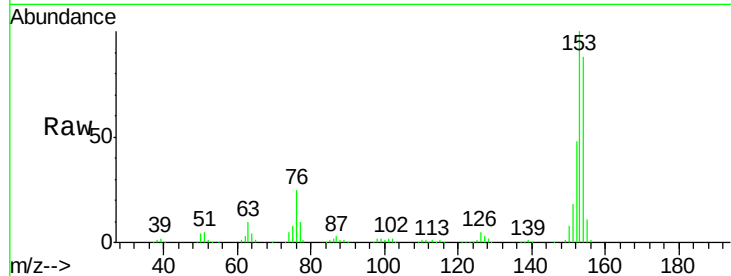
Tot Ion:154 Resp: 510246

Ion Ratio Lower Upper

154 100

153 113.6 89.5 134.3

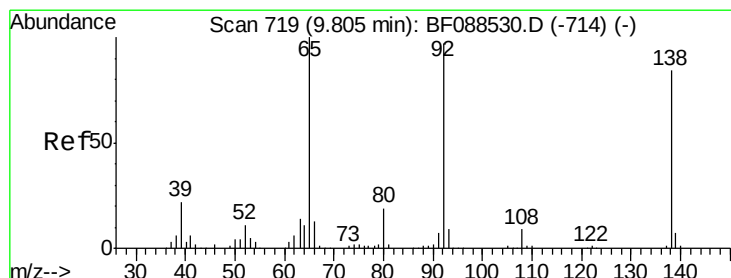
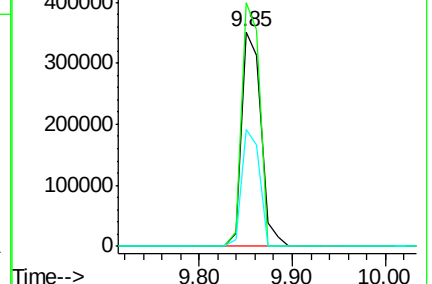
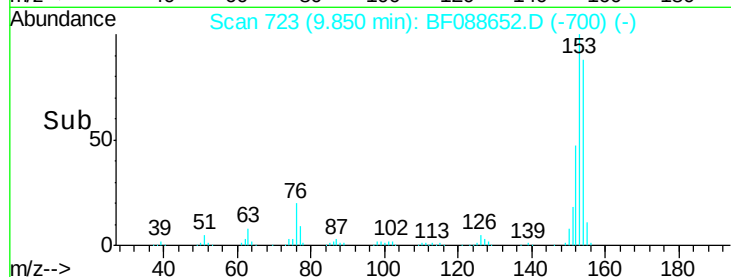
152 54.3 42.7 64.1



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: 37.97 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

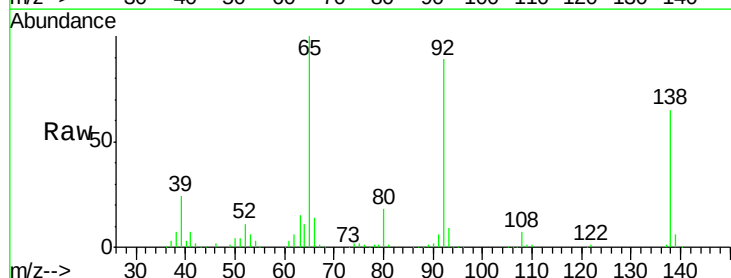
Tgt Ion:138 Resp: 153987

Ion Ratio Lower Upper

138 100

108 11.4 8.5 12.7

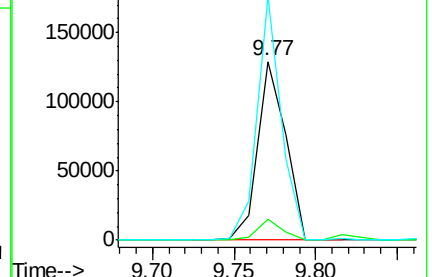
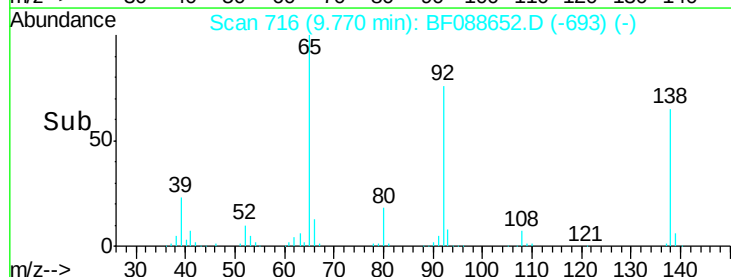
92 136.2 95.7 143.5

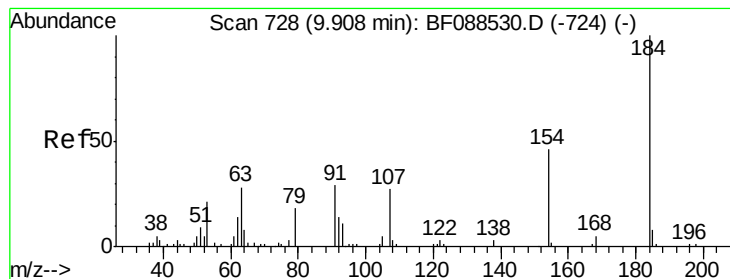


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 42.26 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampled :

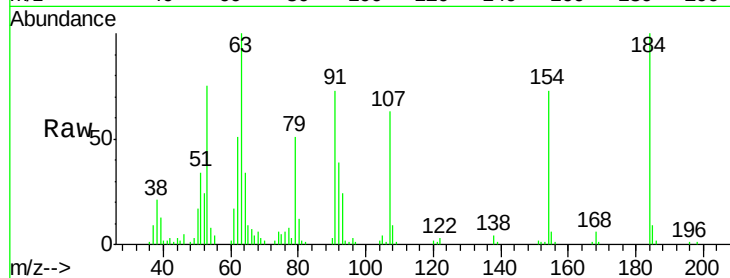
Tot Ion:184 Resp: 59529

Ion Ratio Lower Upper

184 100

63 100.0 57.6 86.4#

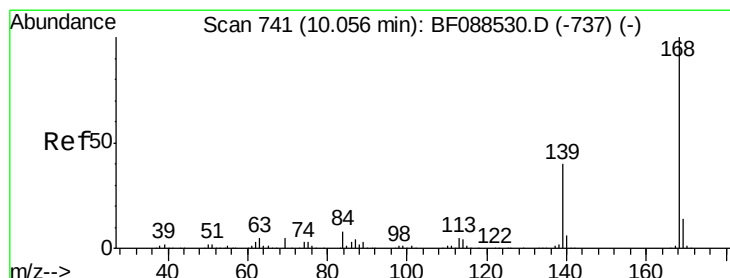
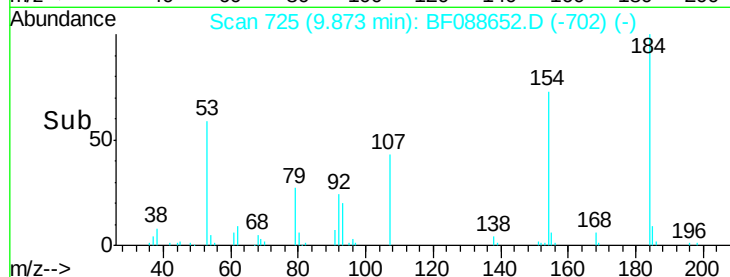
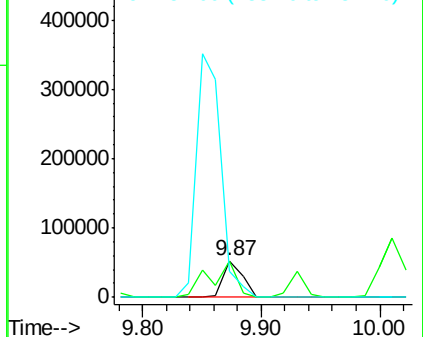
154 72.8 53.5 80.3



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: 38.51 ng

RT: 10.02 min Scan# 738

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

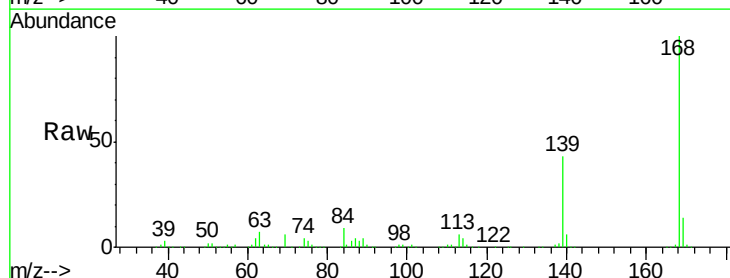
Tgt Ion:168 Resp: 645647

Ion Ratio Lower Upper

168 100

139 43.2 26.4 39.6#

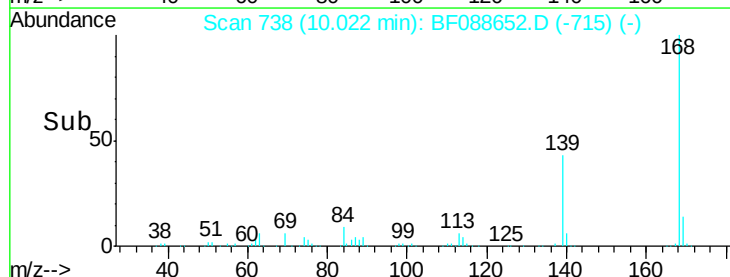
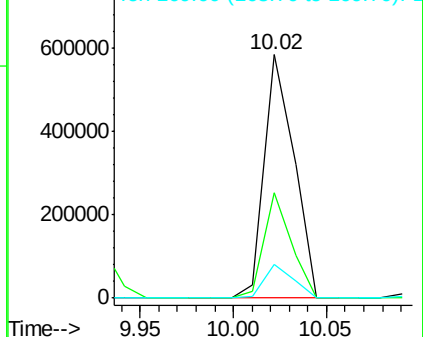
169 13.9 10.4 15.6

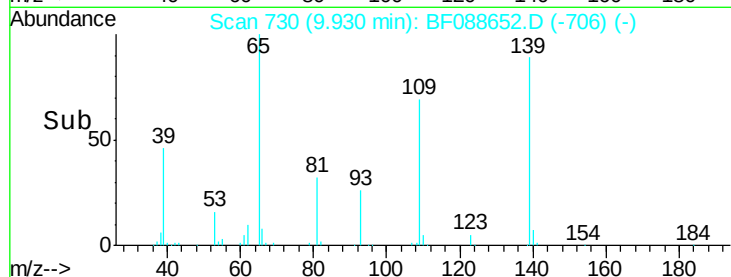
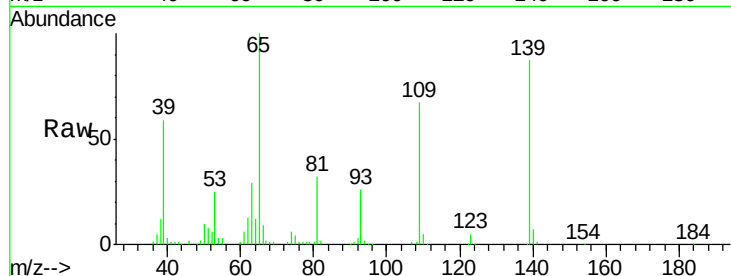
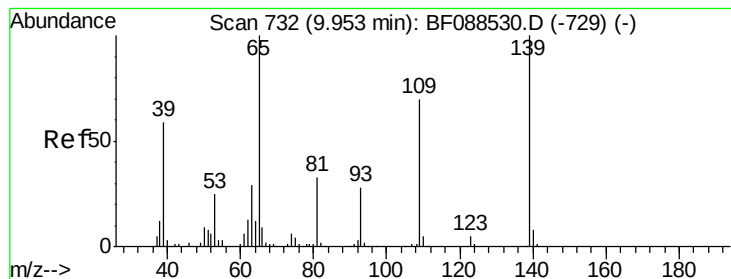


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 36.01 ng

RT: 9.93 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

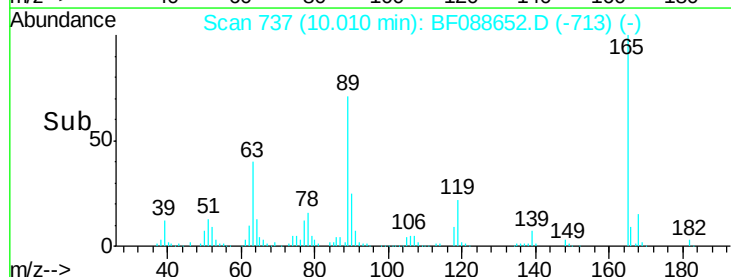
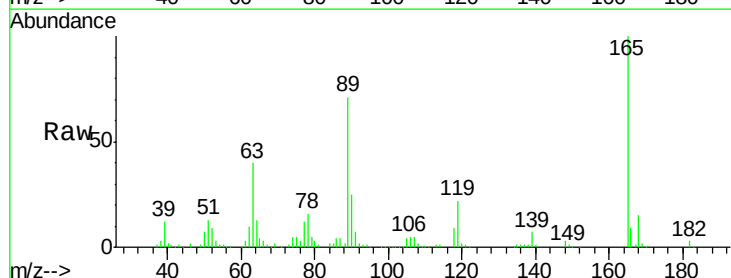
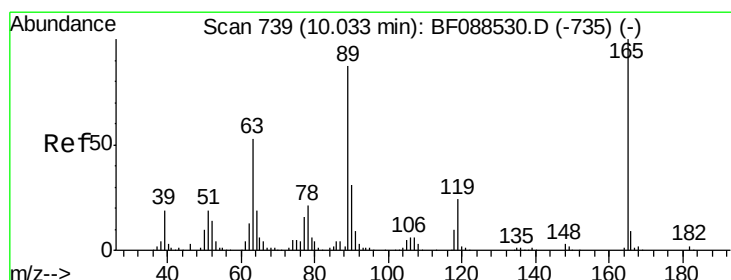
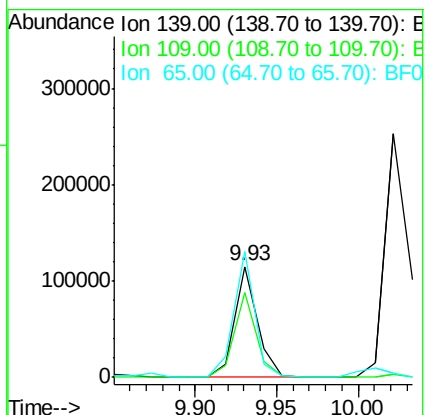
Tot Ion:139 Resp: 110959

Ion Ratio Lower Upper

139 100

109 76.9 48.9 88.9

65 114.3 84.9 124.9



#56

2,4-Dinitrotoluene

Concen: 46.96 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Tgt Ion:165 Resp: 195880

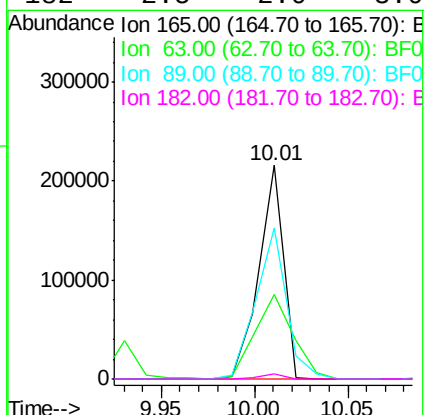
Ion Ratio Lower Upper

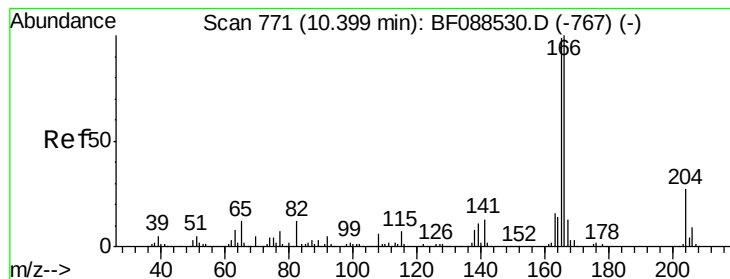
165 100

63 39.6 22.0 33.0#

89 70.7 41.1 61.7#

182 2.5 2.0 3.0





#57

Fluorene

Concen: 36.14 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

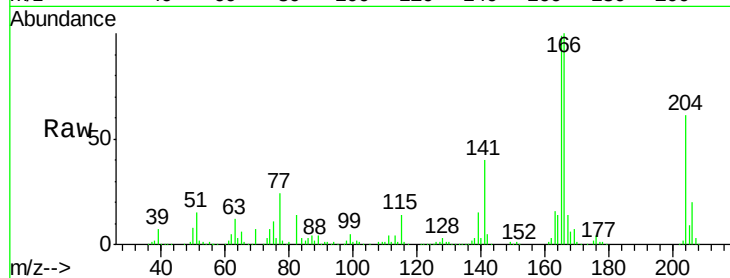
Tot Ion:166 Resp: 466894

Ion Ratio Lower Upper

166 100

165 98.7 77.8 116.8

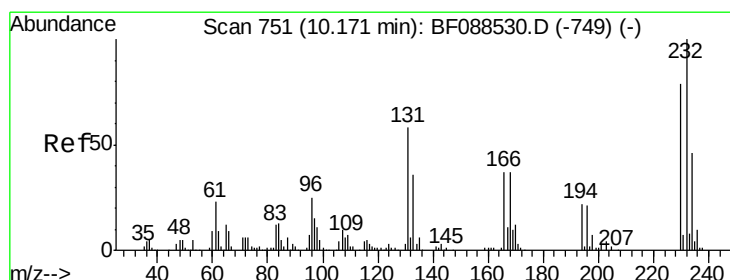
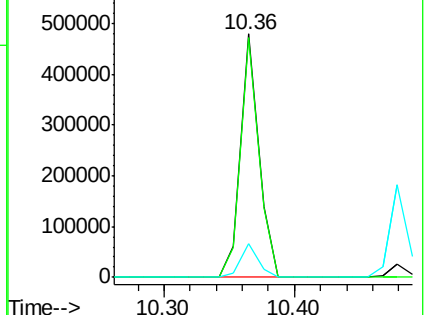
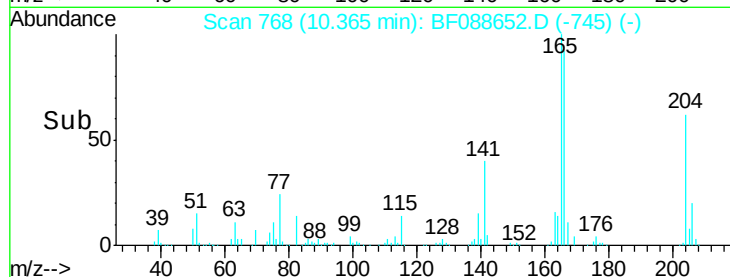
167 14.1 11.2 16.8



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: 45.22 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Tgt Ion:232 Resp: 133373

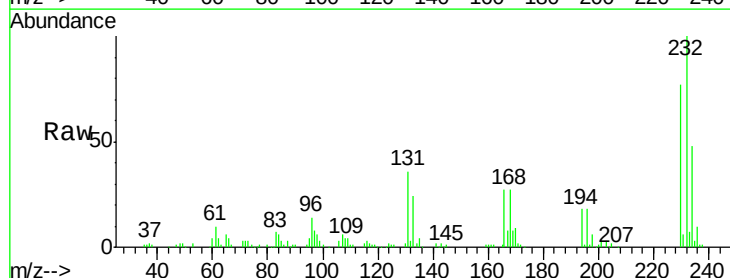
Ion Ratio Lower Upper

232 100

131 48.8 0.9 1.3#

130 2.5 1.5 2.3#

166 32.3 0.5 0.7#

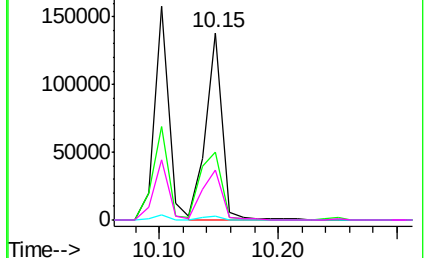
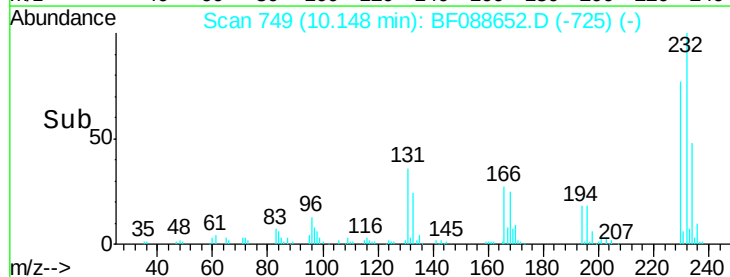


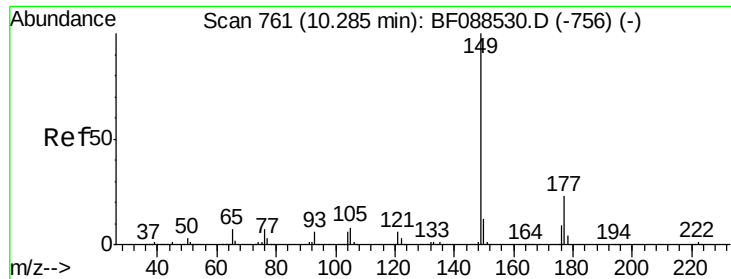
Abundance Ion 232.00 (231.70 to 232.70): E

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

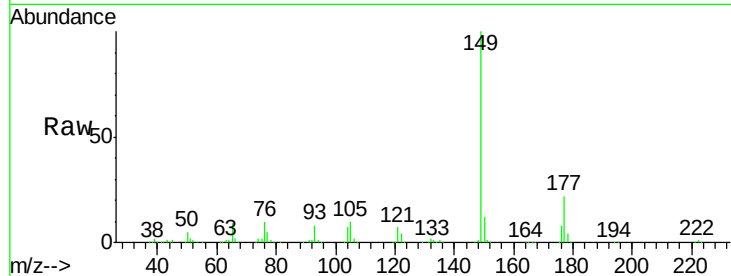




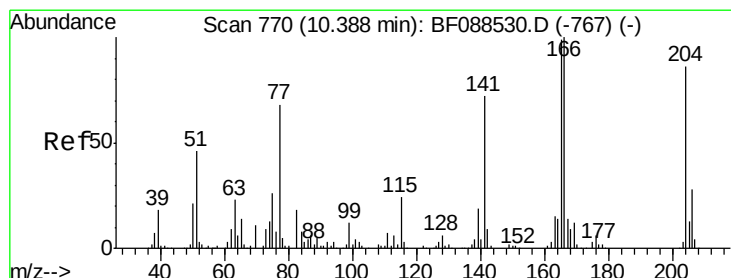
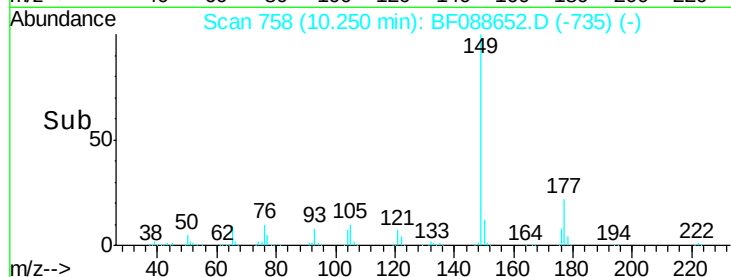
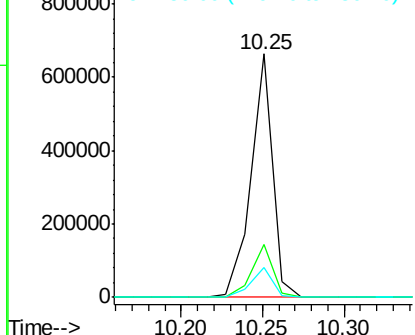
#59
Diethylphthalate
Concen: 42.15 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.9	25.3
150	12.4	10.1	15.1

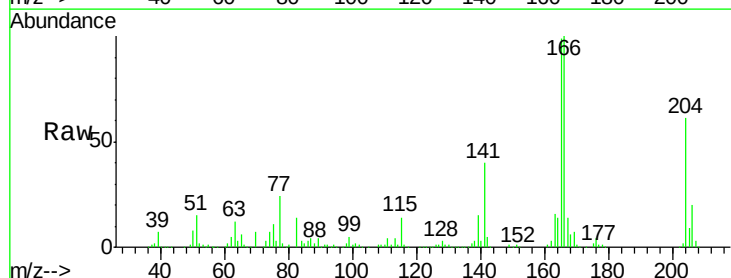


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

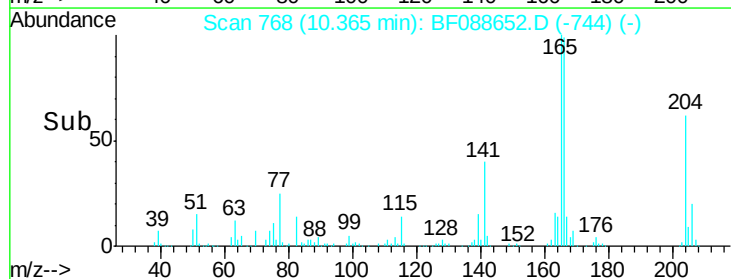
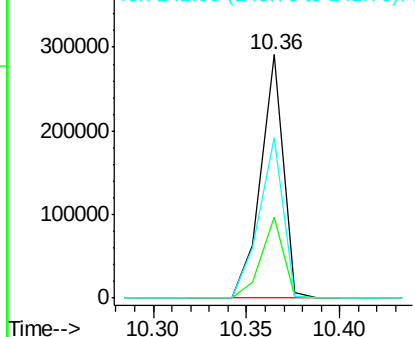


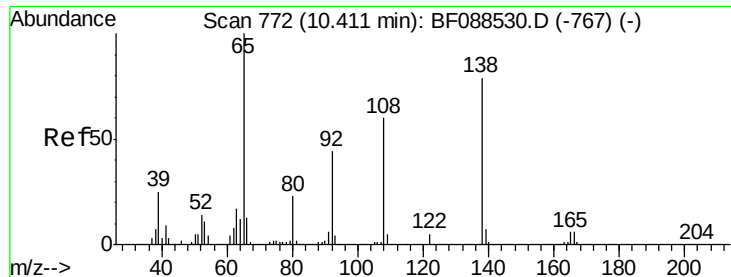
#60
4-Chlorophenyl-phenylether
Concen: 41.34 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	65.7	55.0	82.6



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

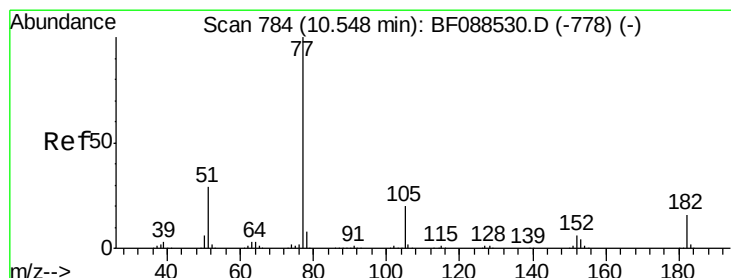
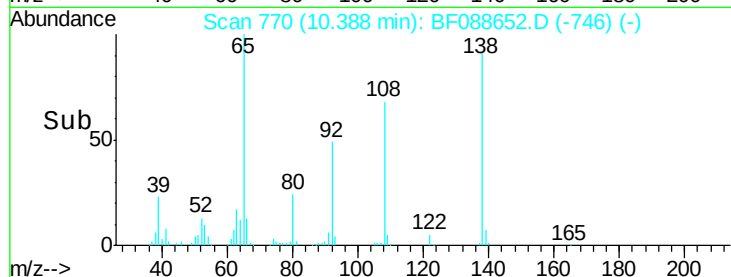
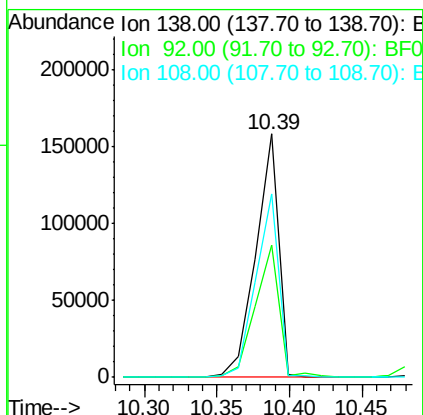
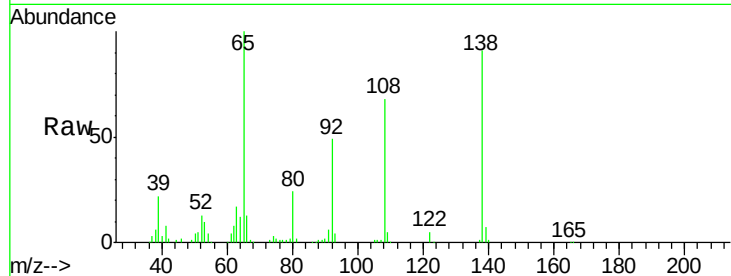




#61
4-Nitroaniline
Concen: 44.42 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

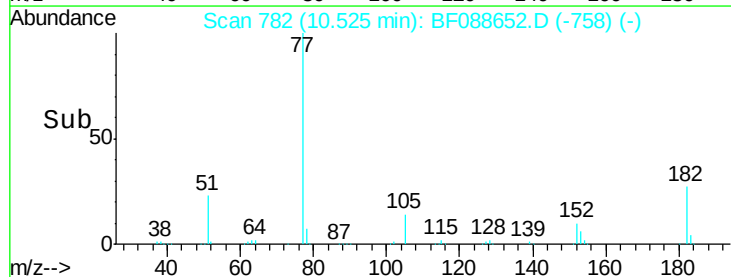
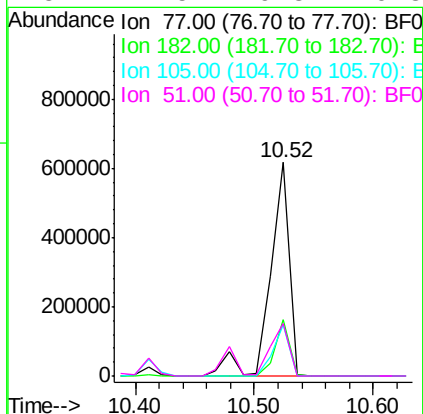
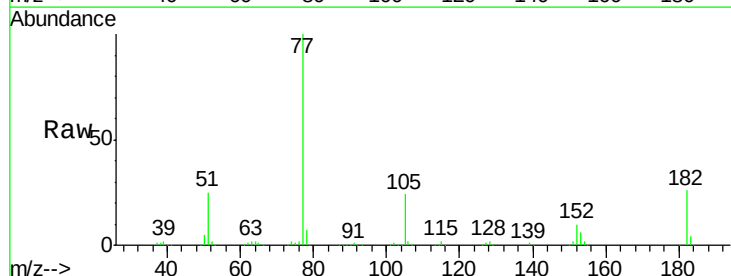
Instrument :
BNA_F
ClientSampleId :

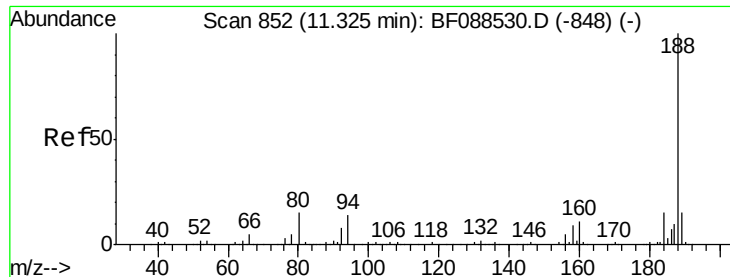
Tot Ion:138 Resp: 173354
Ion Ratio Lower Upper
138 100
92 54.4 27.3 67.3
108 75.4 46.7 86.7



#62
Azobenzene
Concen: 42.00 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion: 77 Resp: 691974
Ion Ratio Lower Upper
77 100
182 26.1 4.4 44.4
105 23.7 3.8 43.8
51 24.5 9.3 49.3

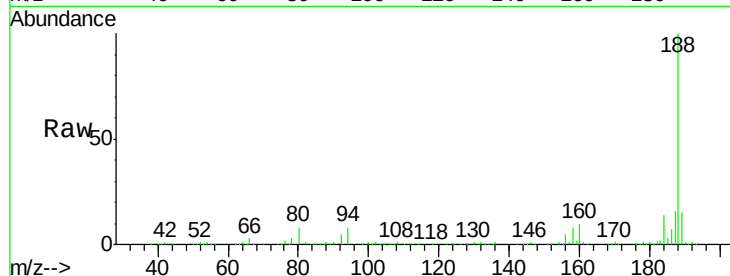




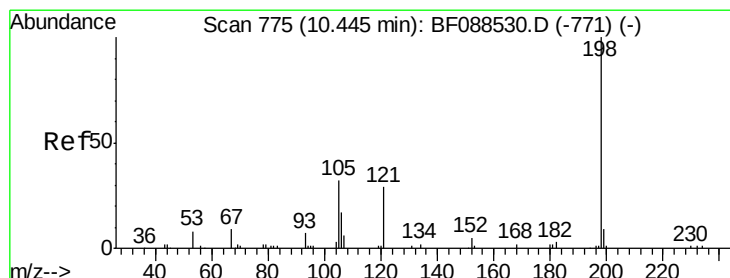
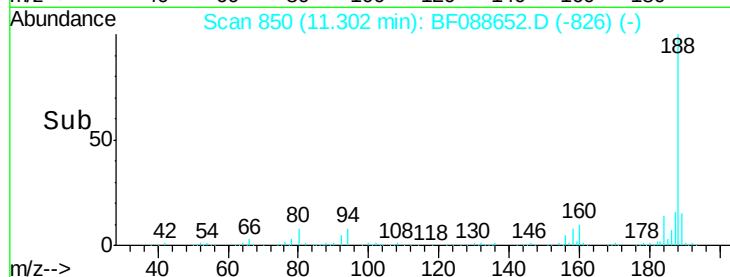
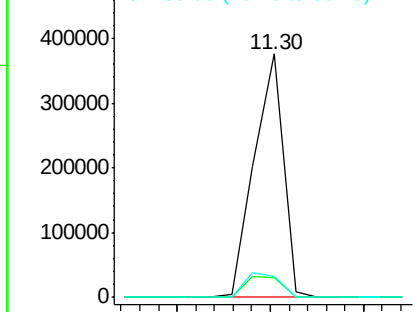
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 405957
Ion Ratio Lower Upper
188 100
94 8.1 9.0 13.6#
80 8.4 10.0 15.0#

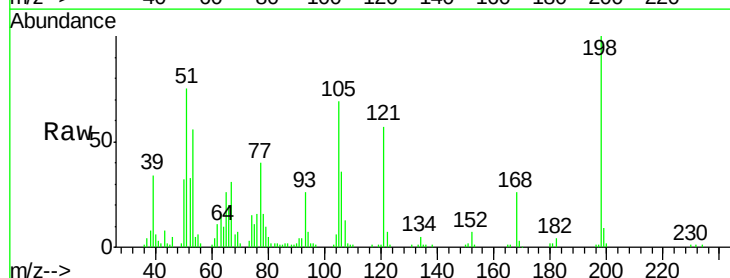


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

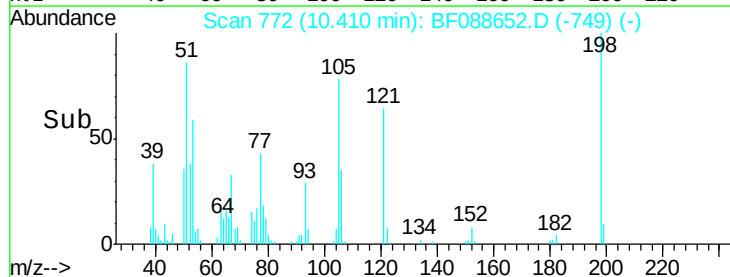
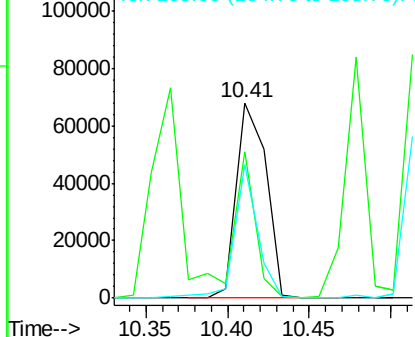


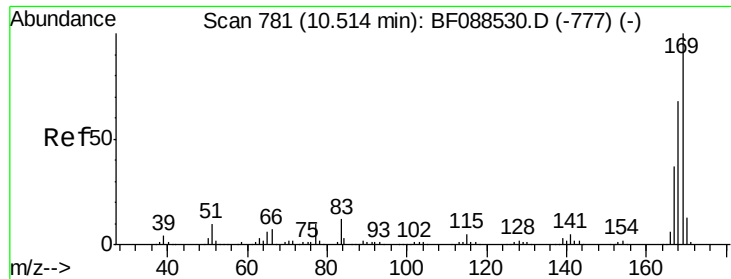
#64
4,6-Dinitro-2-methylphenol
Concen: 39.38 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:198 Resp: 85499
Ion Ratio Lower Upper
198 100
51 75.2 39.6 79.6
105 68.5 36.6 76.6



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

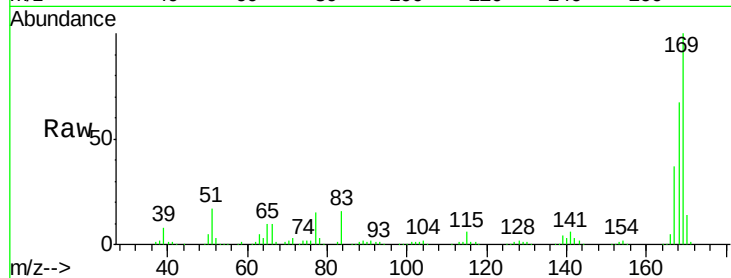




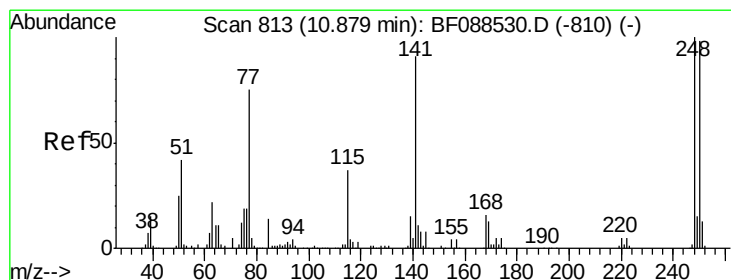
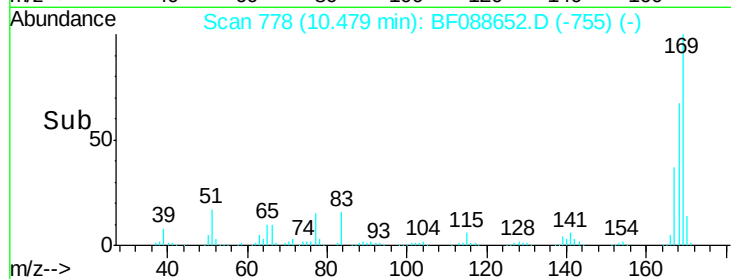
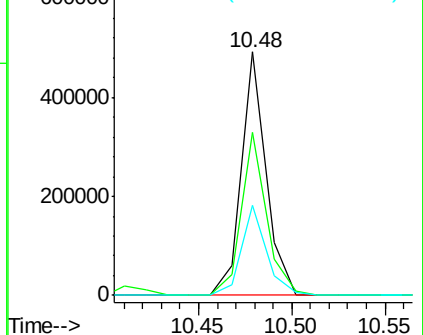
#65
 n-Nitrosodiphenylamine
 Concen: 33.16 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 455626
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.4 80.0
 167 36.9 29.4 44.0

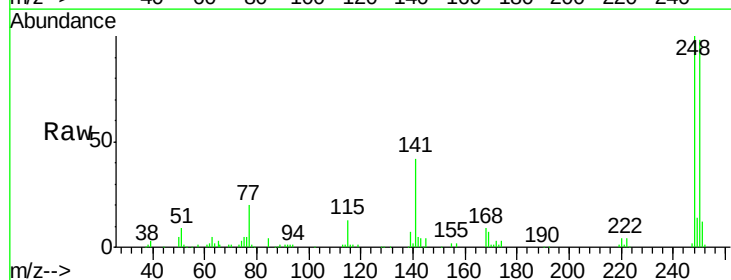


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

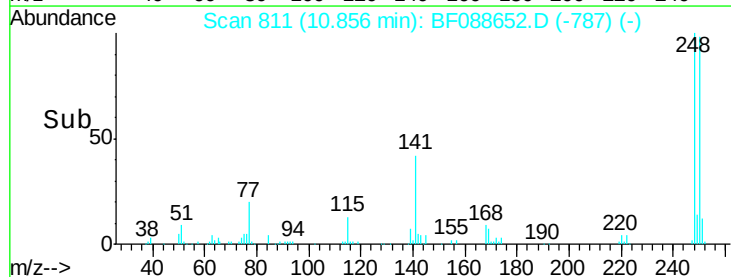
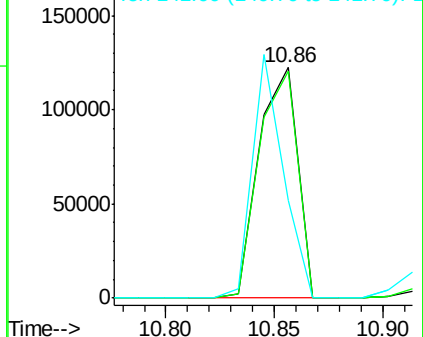


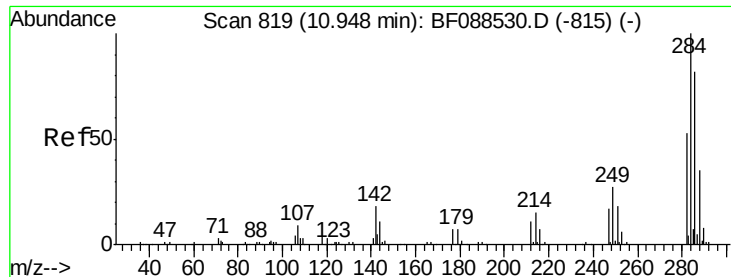
#66
 4-Bromophenyl-phenylether
 Concen: 37.34 ng
 RT: 10.86 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:248 Resp: 152758
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 42.4 50.6 76.0#



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

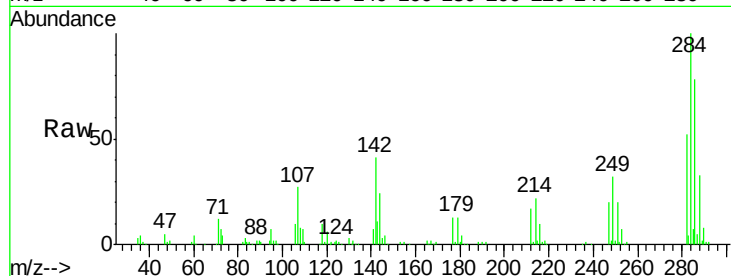




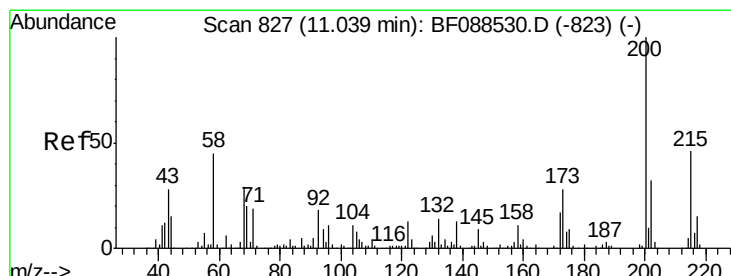
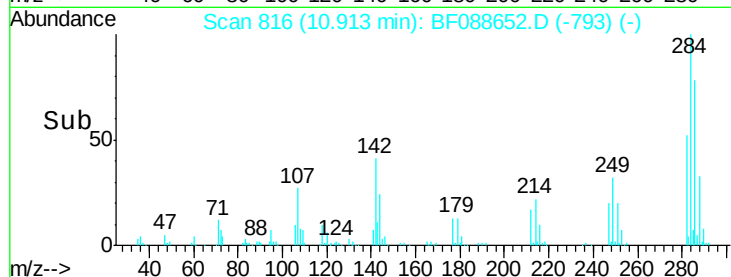
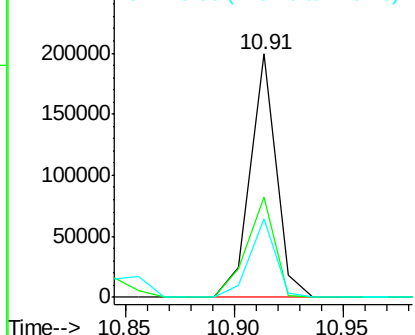
#67
Hexachlorobenzene
Concen: 36.72 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 166268
Ion Ratio Lower Upper
284 100
142 41.3 35.8 53.8
249 32.4 25.8 38.6

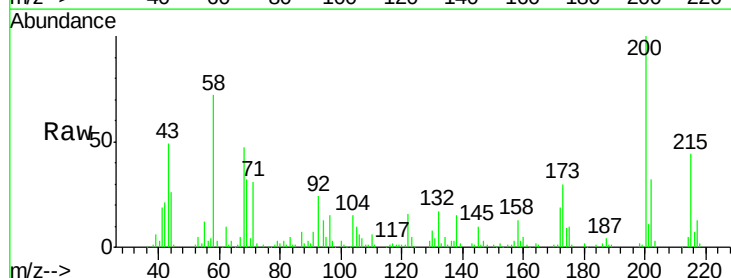


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

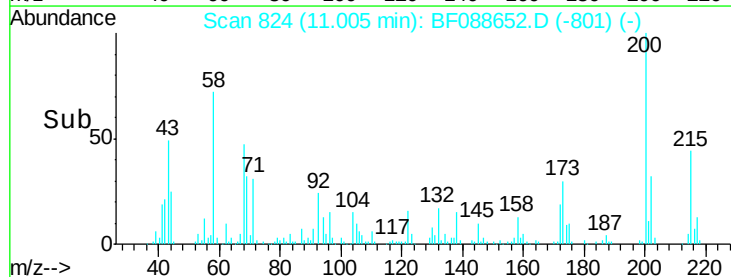
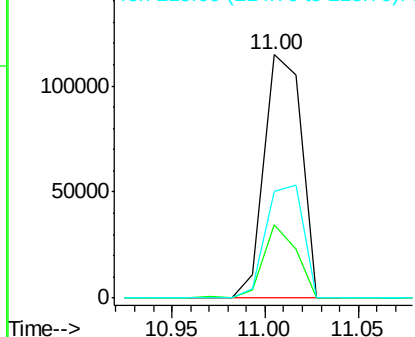


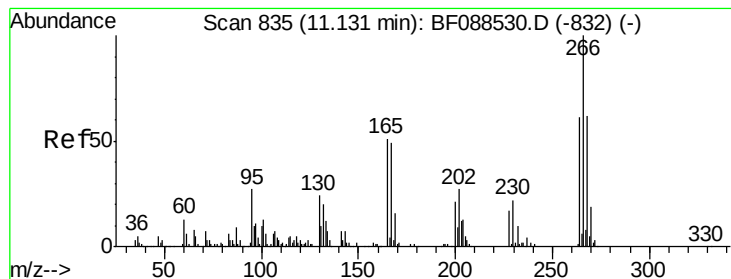
#68
Atrazine
Concen: 37.00 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:200 Resp: 158395
Ion Ratio Lower Upper
200 100
173 30.2 4.0 44.0
215 43.7 29.3 69.3



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





#69

Pentachlorophenol

Concen: 41.93 ng

RT: 11.11 min Scan# 833

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

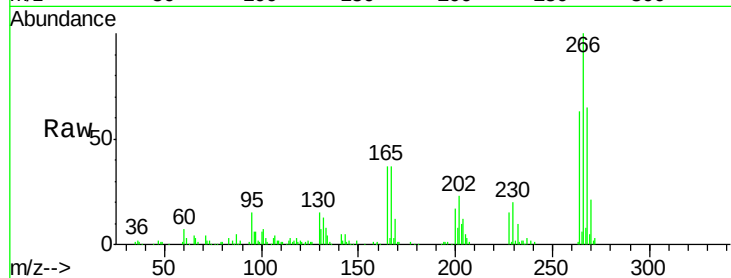
Tot Ion:266 Resp: 112375

Ion Ratio Lower Upper

266 100

268 64.9 52.8 79.2

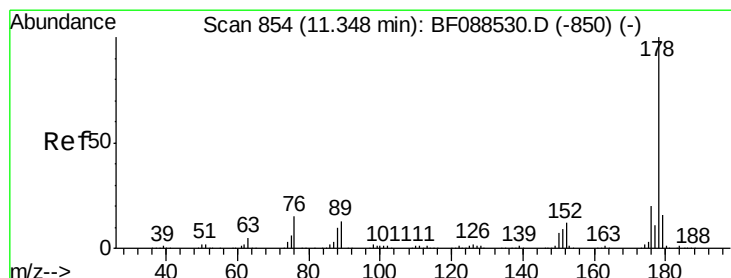
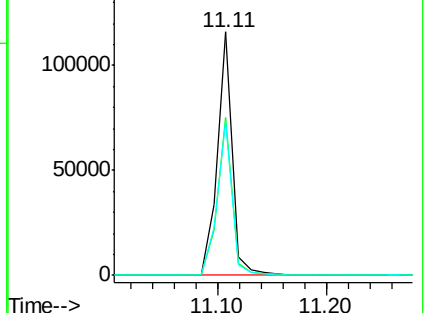
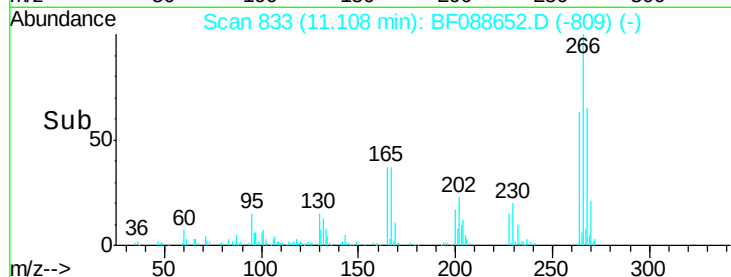
264 63.2 49.6 74.4



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: 37.38 ng

RT: 11.32 min Scan# 852

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

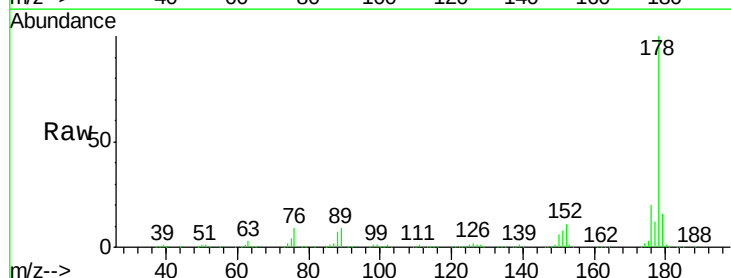
Tgt Ion:178 Resp: 829433

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.6

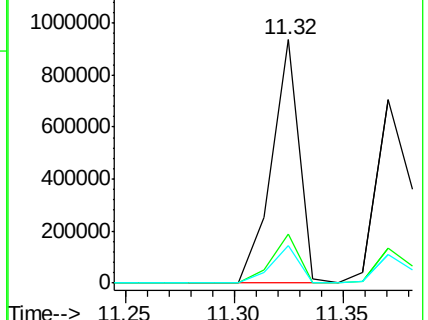
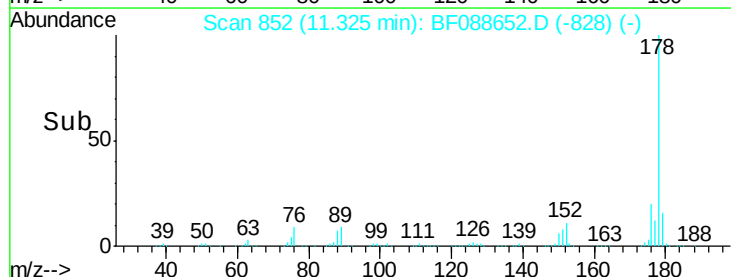
179 15.6 13.0 19.4

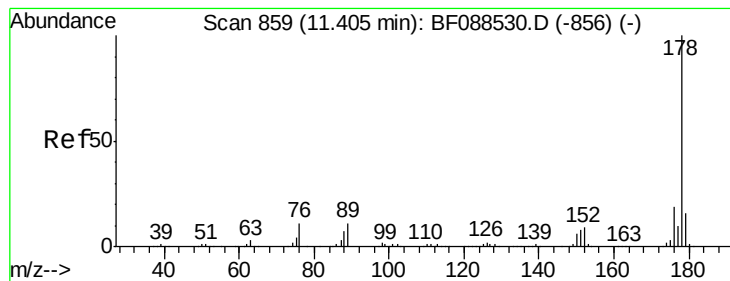


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 34.51 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

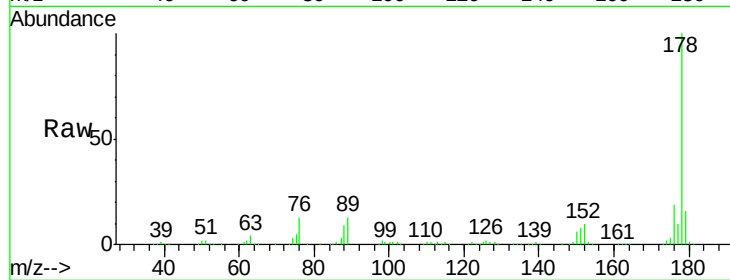
Instrument :

BNA_F

ClientSampleId :

Tot Ion:178 Resp: 761430

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.8	12.8	19.2

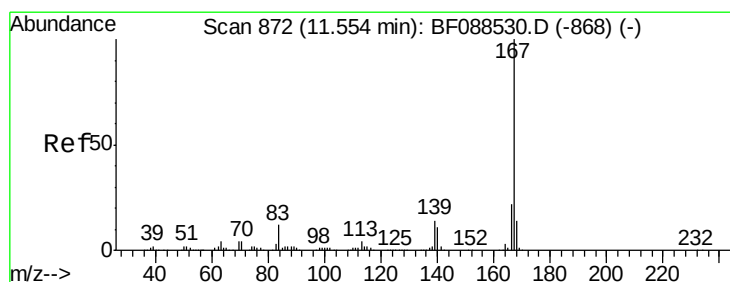
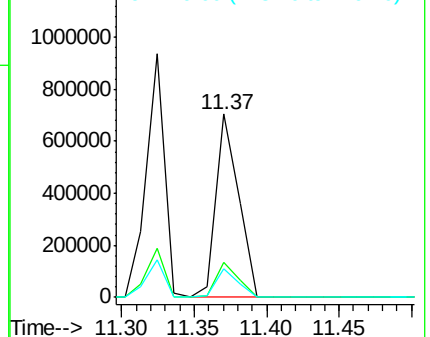
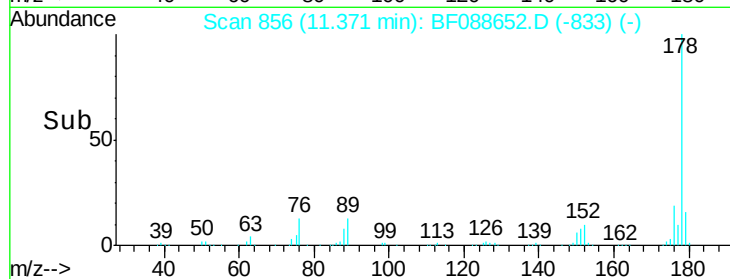


Abundance

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: 39.26 ng

RT: 11.53 min Scan# 870

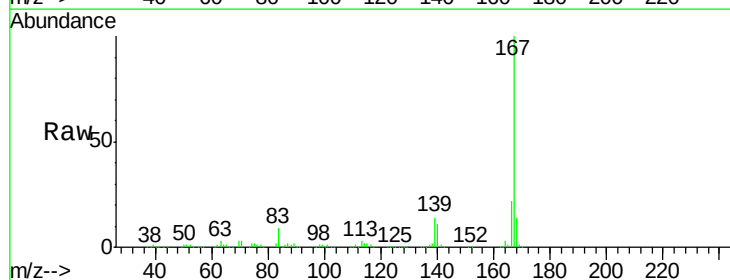
Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Tgt Ion:167 Resp: 815442

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.7	11.2	16.8

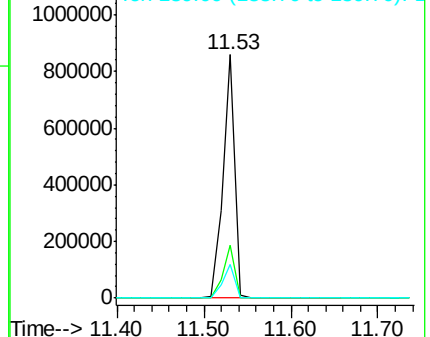
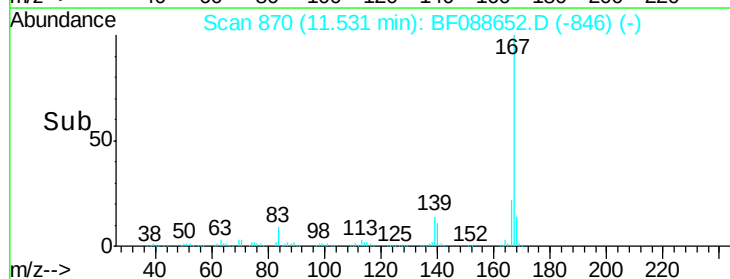


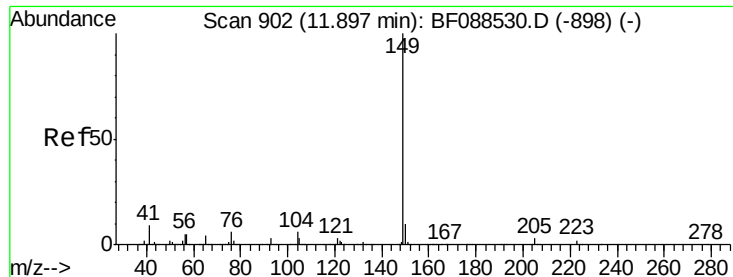
Abundance

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: 39.08 ng

RT: 11.87 min Scan# 900

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

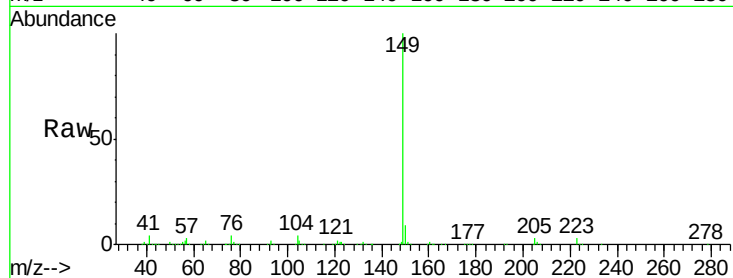
Tot Ion:149 Resp: 943993

Ion Ratio Lower Upper

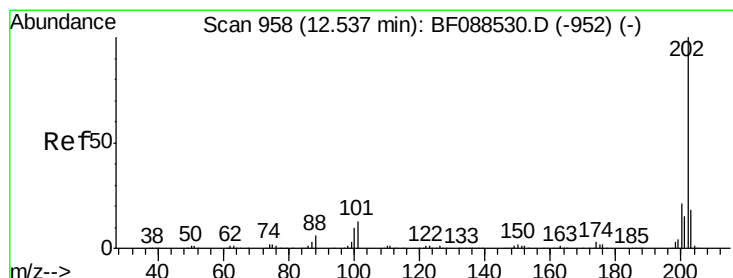
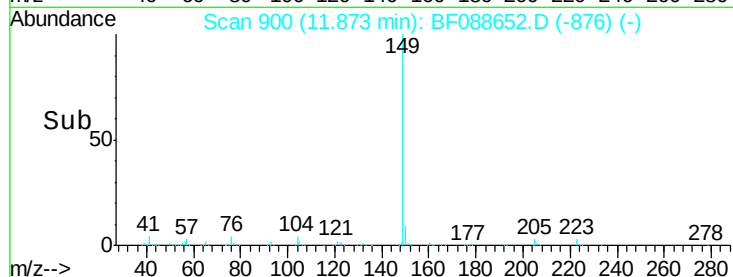
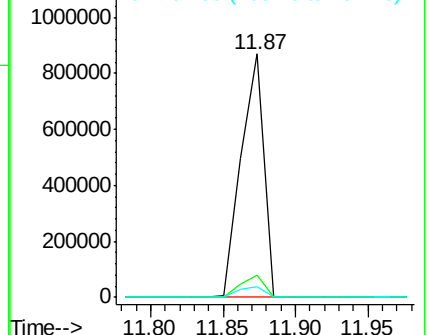
149 100

150 9.1 7.8 11.6

104 4.2 4.0 6.0



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: 33.99 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

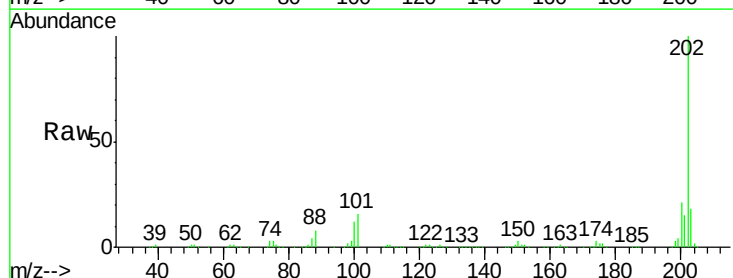
Tgt Ion:202 Resp: 764761

Ion Ratio Lower Upper

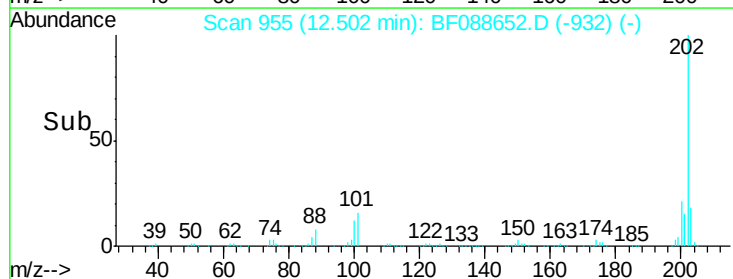
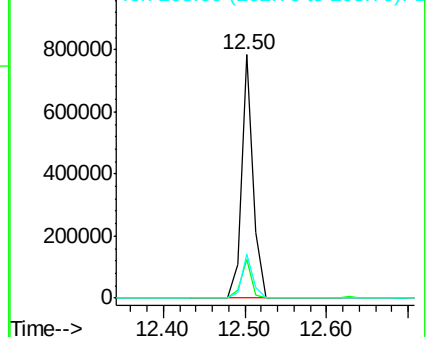
202 100

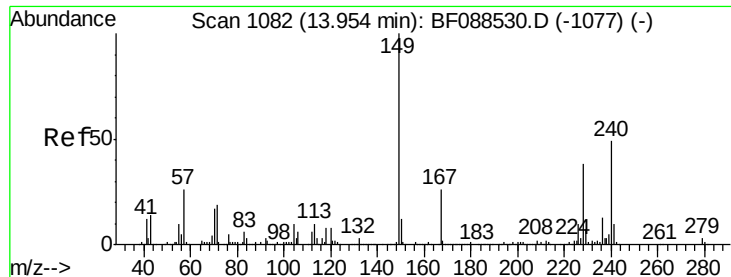
101 15.8 0.0 33.1

203 17.9 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

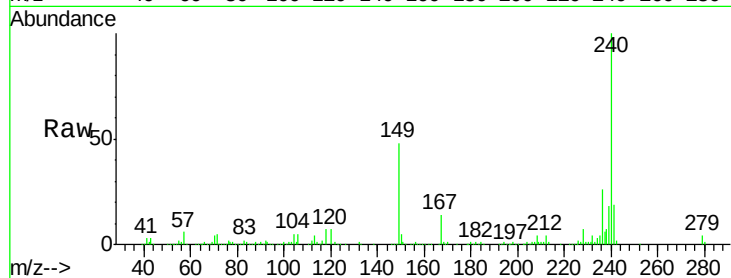
Tot Ion:240 Resp: 264200

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

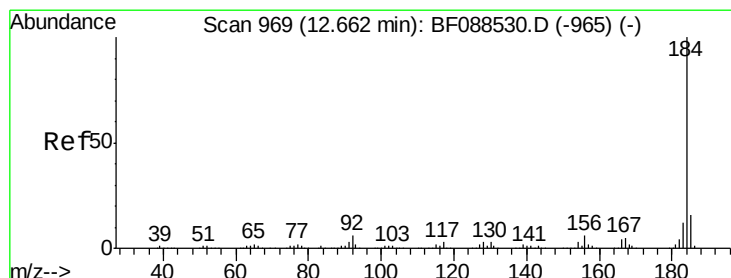
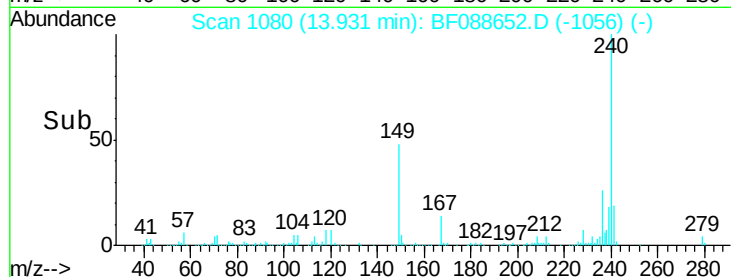
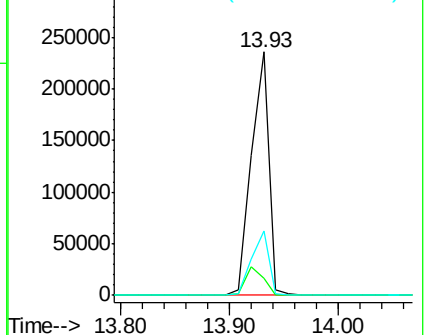
236 26.4 20.2 30.2



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: 35.02 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

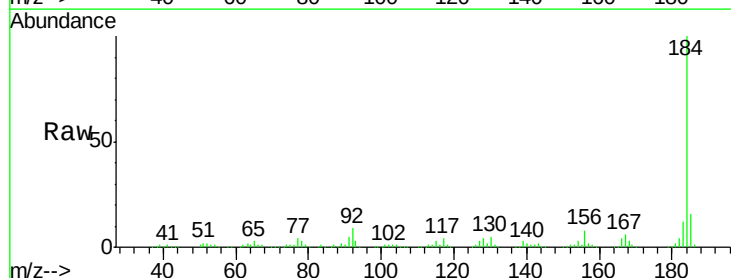
Tgt Ion:184 Resp: 467722

Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

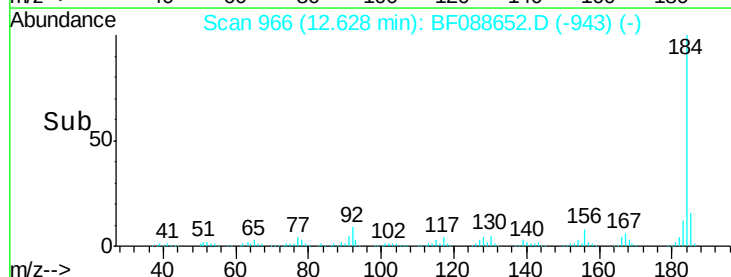
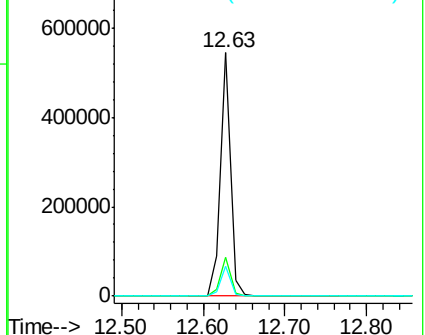
183 12.3 9.3 13.9

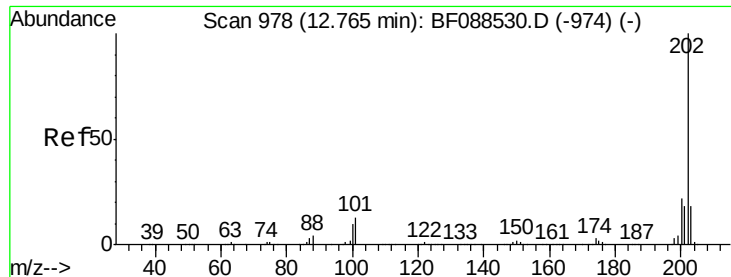


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

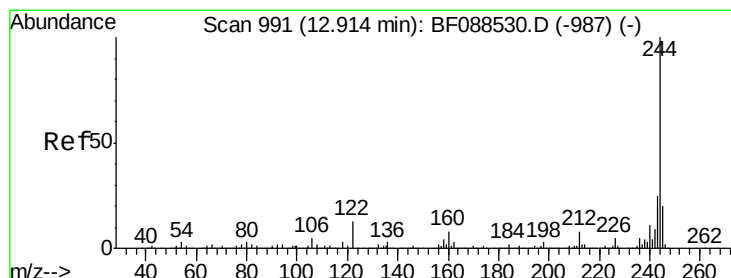
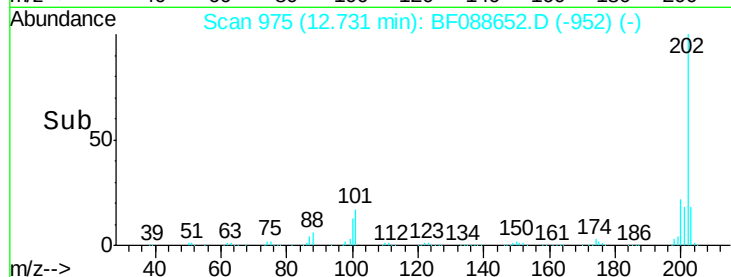
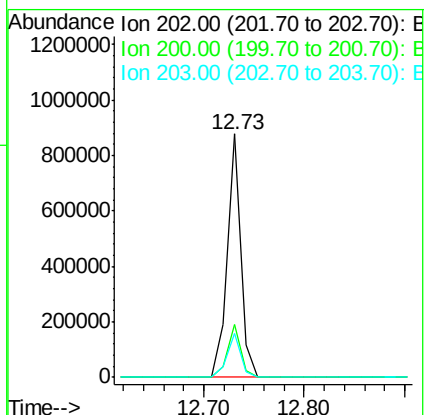
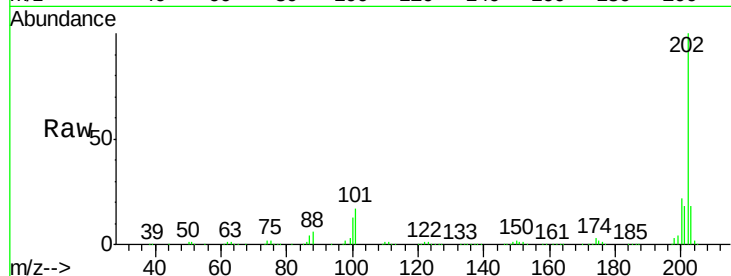




#77
Pvrene
Concen: 36.51 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

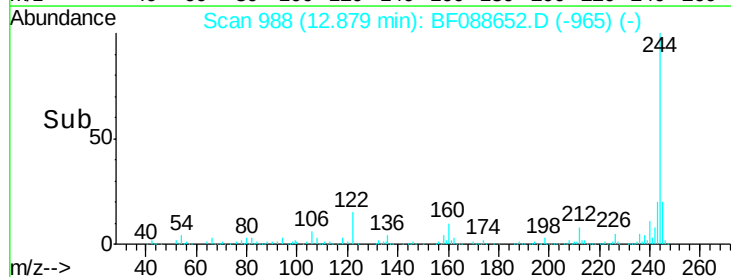
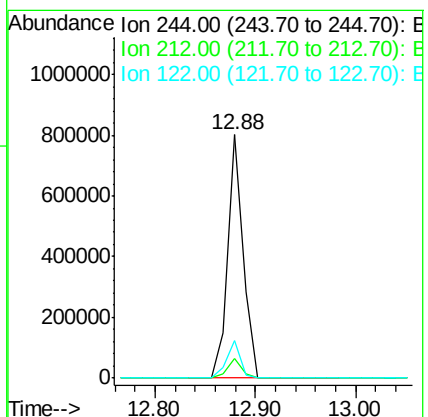
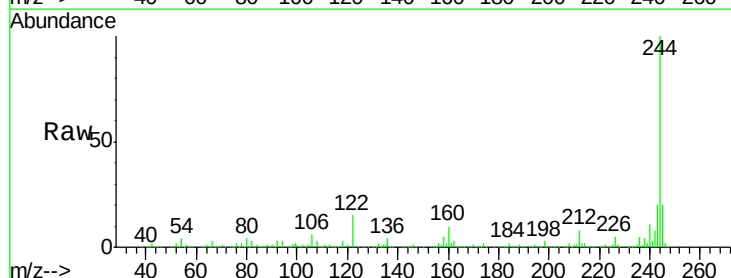
Instrument :
BNA_F
ClientSampled :

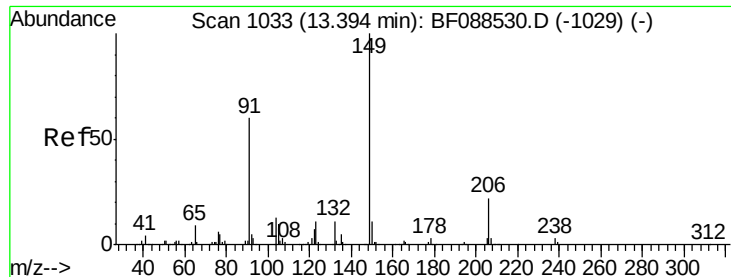
Tot Ion:202 Resp: 817757
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.9 14.5 21.7



#78
Terphenyl-d14
Concen: 71.73 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:244 Resp: 850811
Ion Ratio Lower Upper
244 100
212 8.3 6.0 9.0
122 15.4 11.2 16.8





#79

Butylbenzylphthalate

Concen: 39.03 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

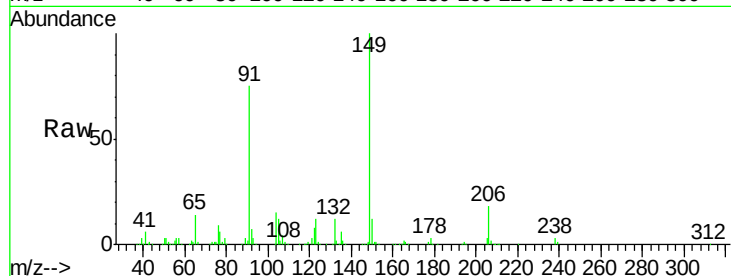
Tot Ion:149 Resp: 390029

Ion Ratio Lower Upper

149 100

91 74.9 48.0 72.0#

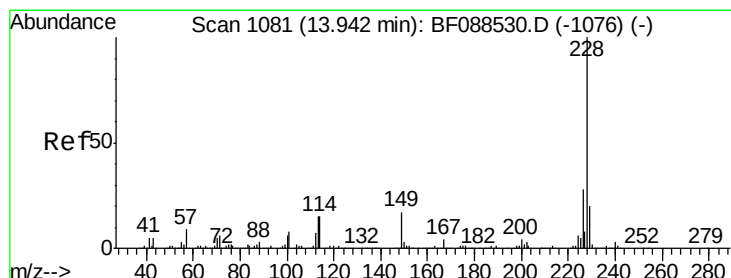
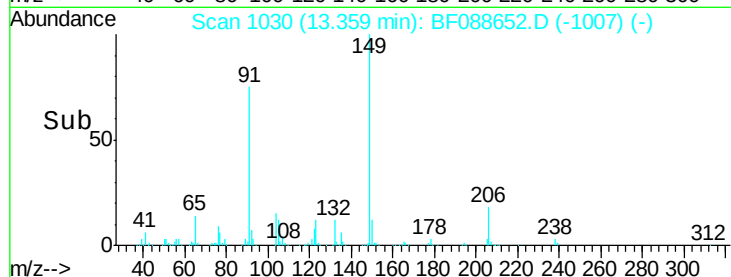
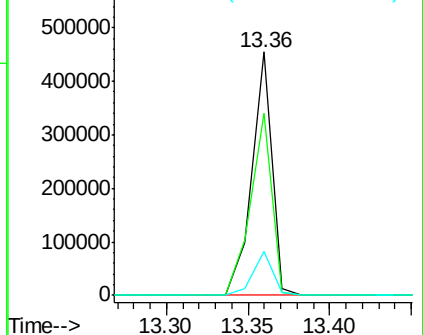
206 18.3 16.0 24.0



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: 38.62 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

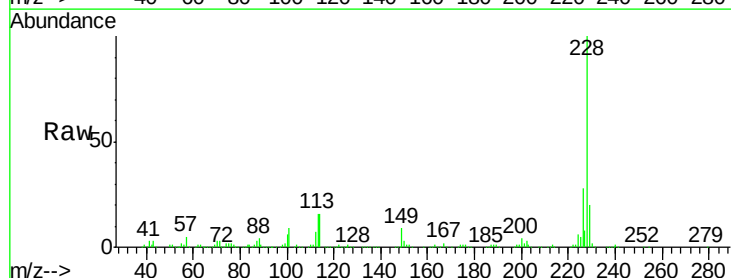
Tgt Ion:228 Resp: 657036

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

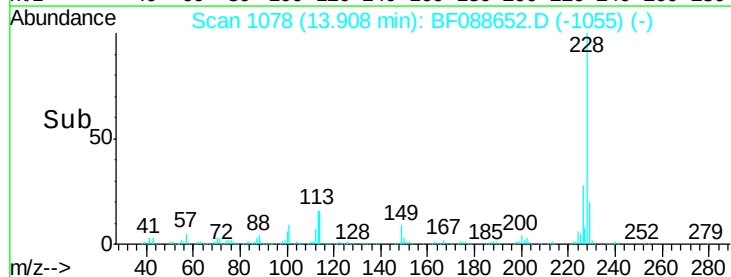
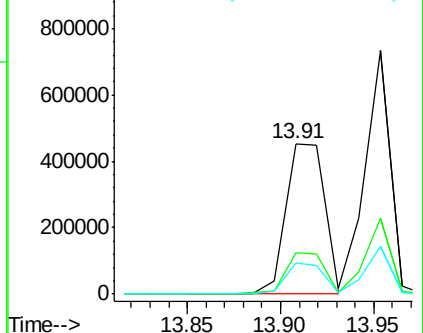
229 20.3 16.0 24.0

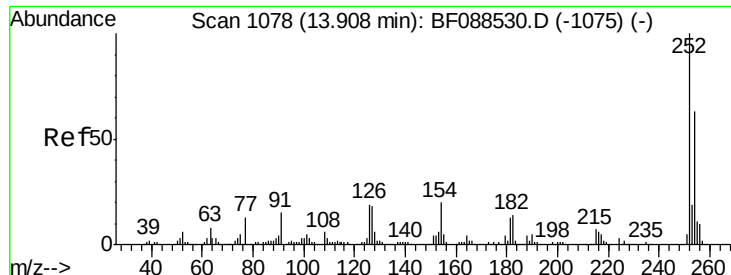


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

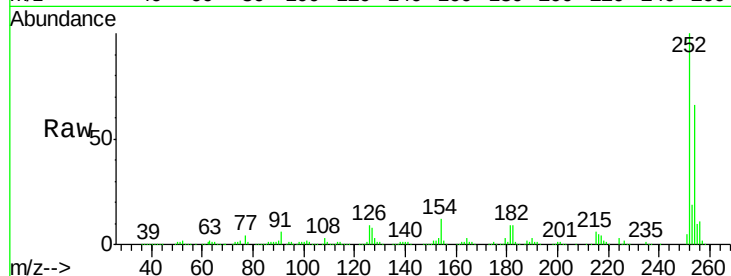




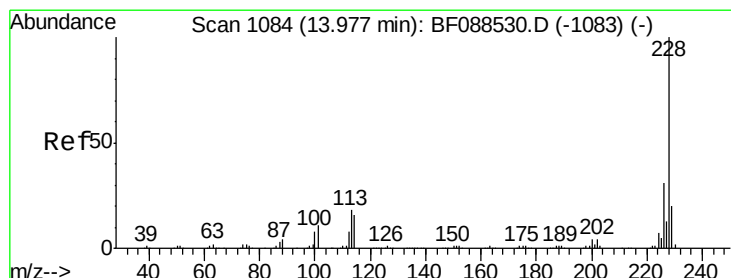
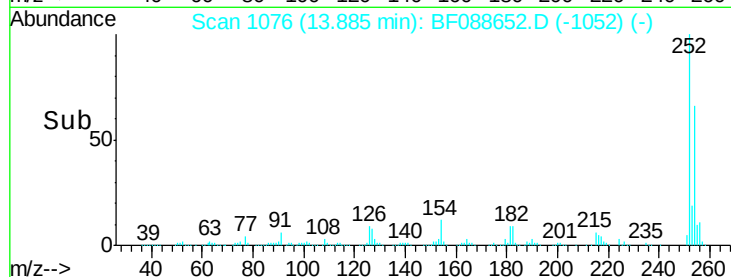
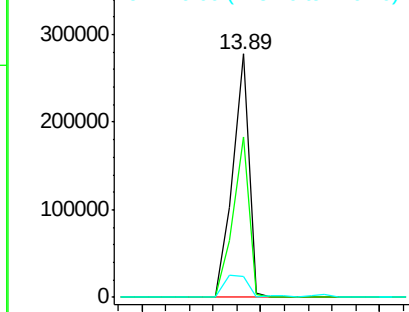
#81
 3,3'-Dichlorobenzidine
 Concen: 41.75 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 267036
 Ion Ratio Lower Upper
 252 100
 254 65.6 52.6 78.8
 126 8.8 6.2 9.2

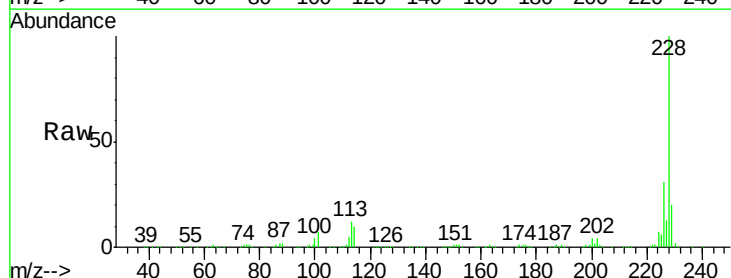


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

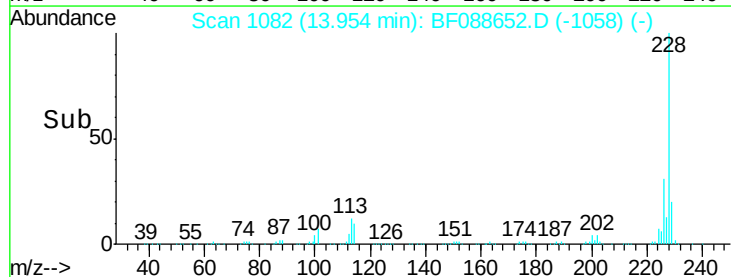
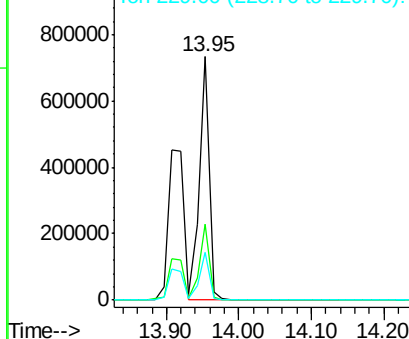


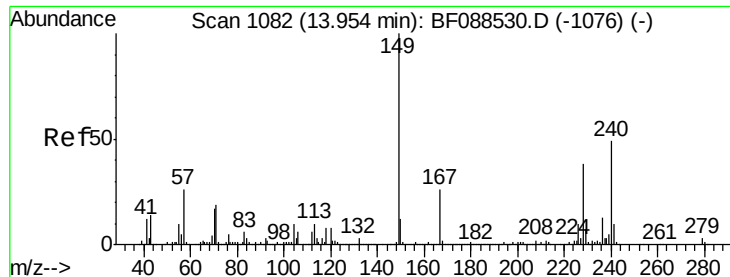
#82
 Chrysene
 Concen: 40.70 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:228 Resp: 685082
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.4 38.2
 229 19.7 16.3 24.5



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: 41.23 ng

RT: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

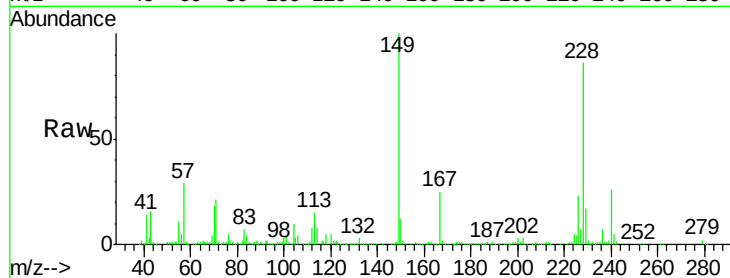
Tot Ion:149 Resp: 470307

Ion Ratio Lower Upper

149 100

167 24.7 20.5 30.7

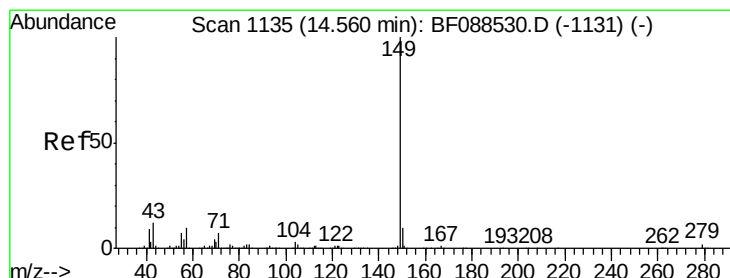
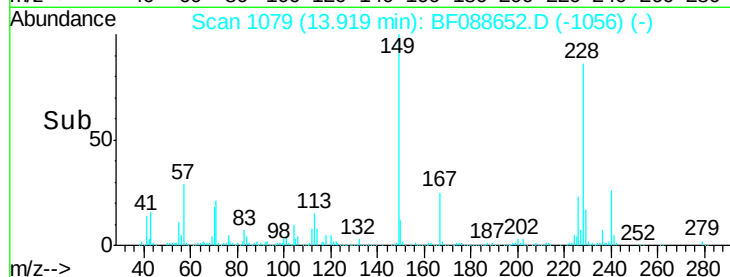
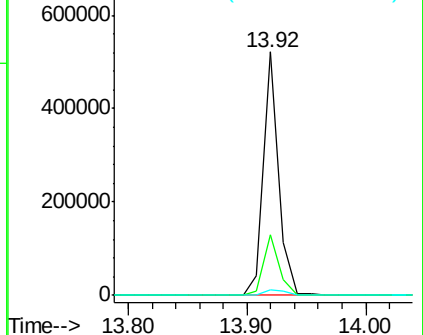
279 2.4 2.0 3.0



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: 43.10 ng

RT: 14.53 min Scan# 1132

Delta R.T. -0.03 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

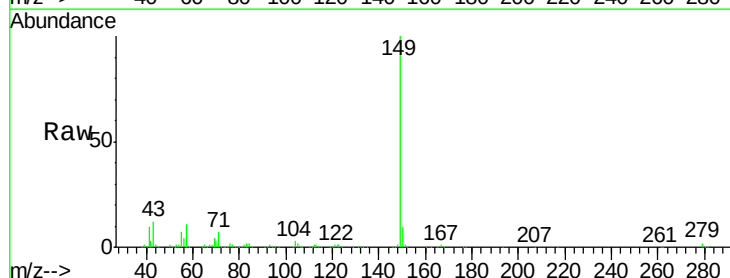
Tgt Ion:149 Resp: 835265

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

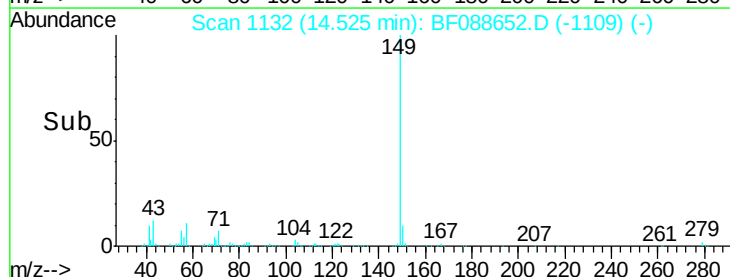
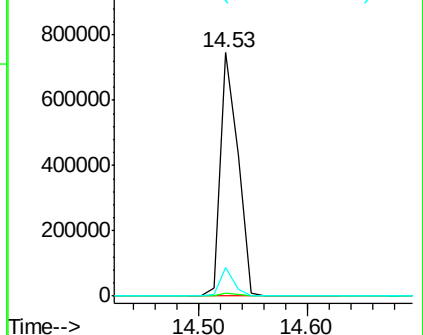
43 9.8 0.0 0.0#

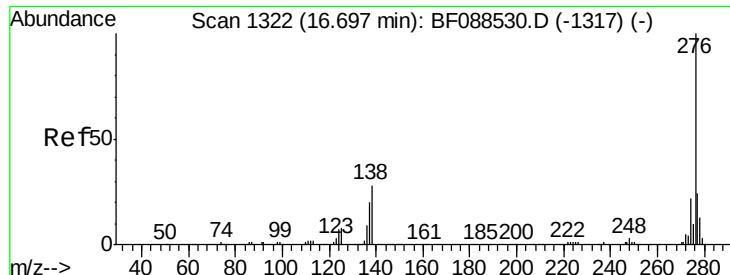


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

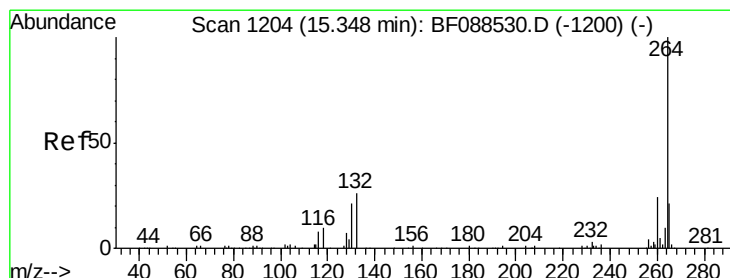
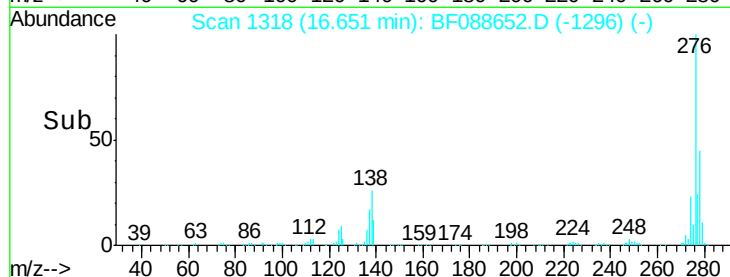
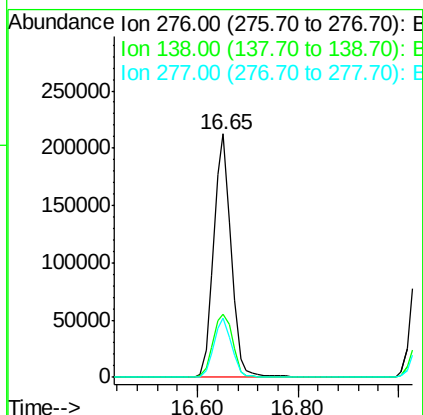
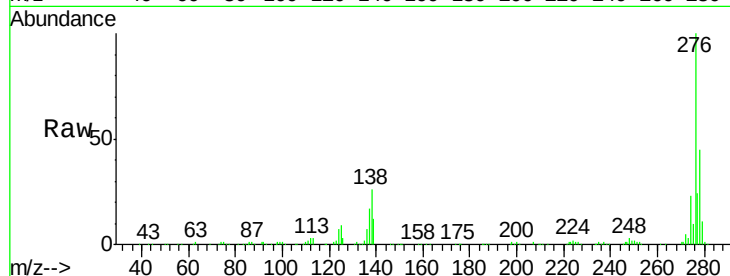




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.47 ng
 RT: 16.65 min Scan# 1318
 Delta R.T. -0.05 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

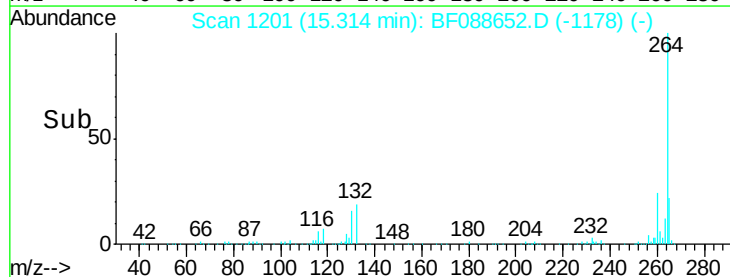
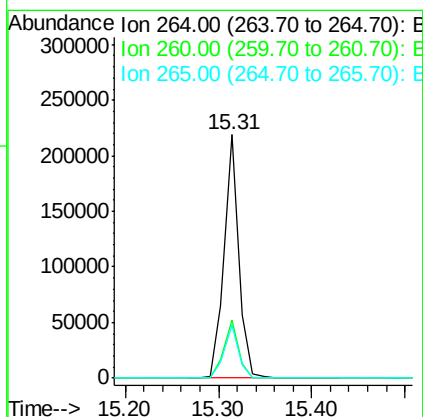
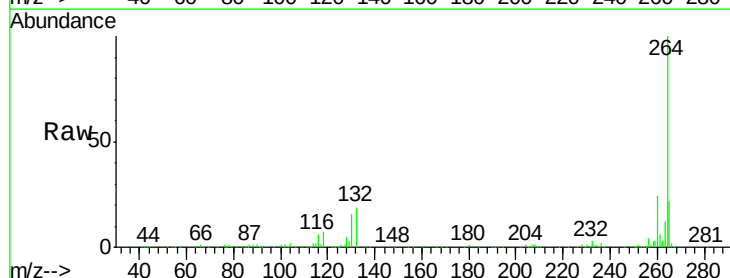
Instrument :
 BNA_F
 ClientSampled :

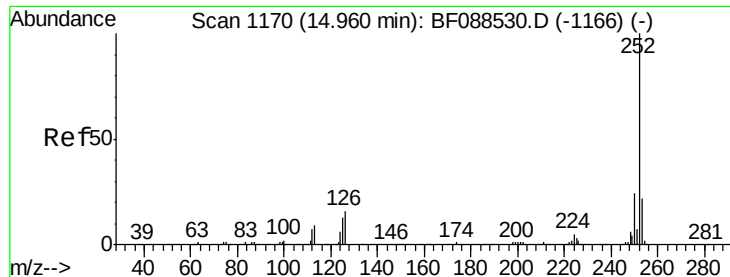
Tot Ion:276 Resp: 511151
 Ion Ratio Lower Upper
 276 100
 138 29.7 0.0 0.0#
 277 24.9 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088652.D
 Acq: 3 Jul 2016 16:31

Tgt Ion:264 Resp: 240188
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.7 16.9 25.3

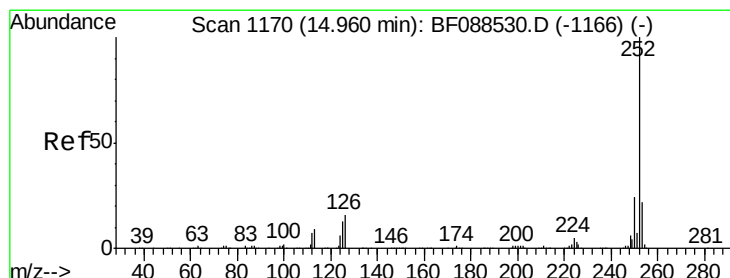
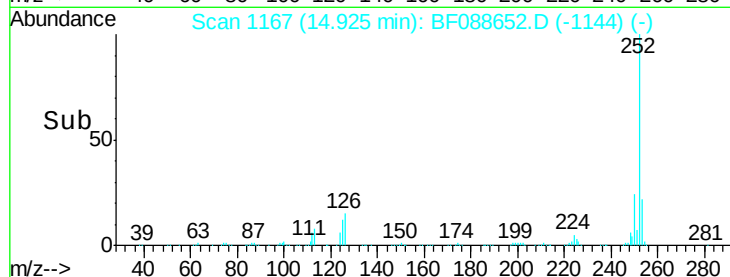
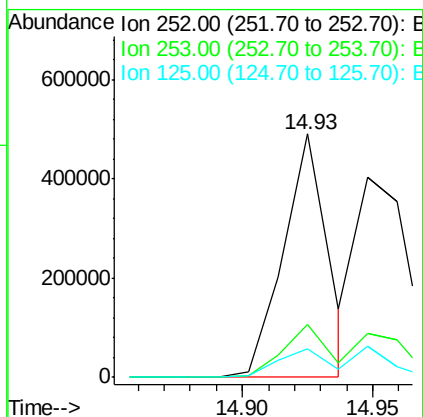
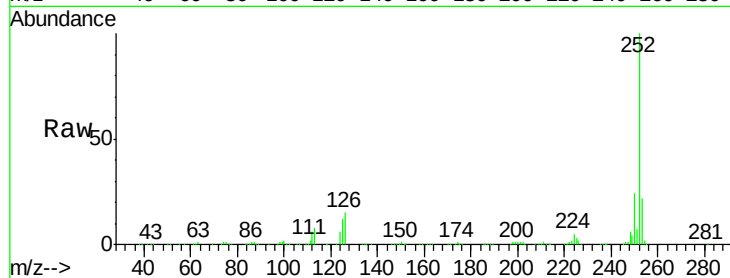




#87
Benzo(b)fluoranthene
Concen: 38.25 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

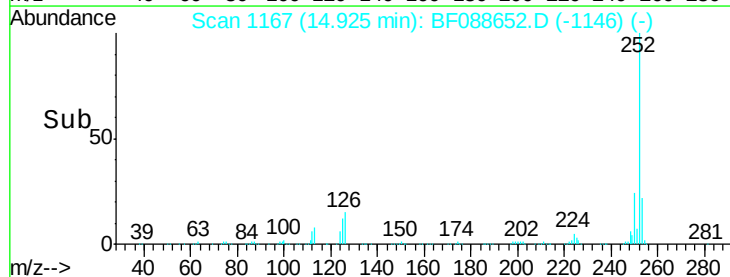
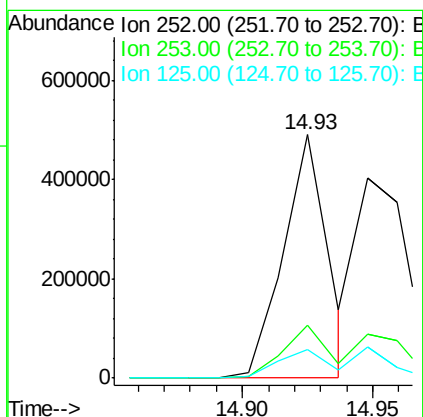
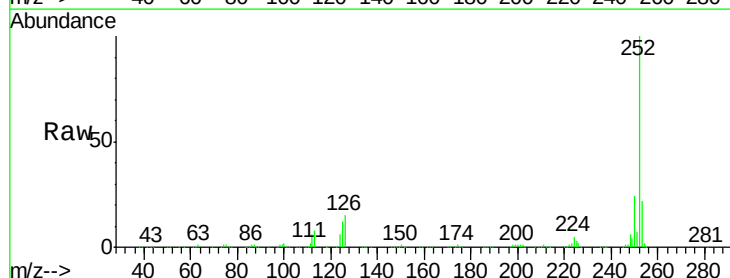
Instrument :
BNA_F
ClientSampleId :

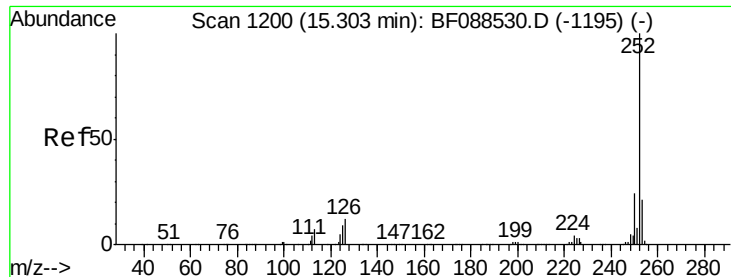
Tot Ion:252 Resp: 576359
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.2
125 11.9 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 43.94 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF088652.D
Acq: 3 Jul 2016 16:31

Tgt Ion:252 Resp: 576359
Ion Ratio Lower Upper
252 100
253 21.6 18.0 27.0
125 11.9 11.2 16.8





#89

Benzo(a)pyrene

Concen: 38.55 ng

RT: 15.26 min Scan# 1196

Delta R.T. -0.05 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :

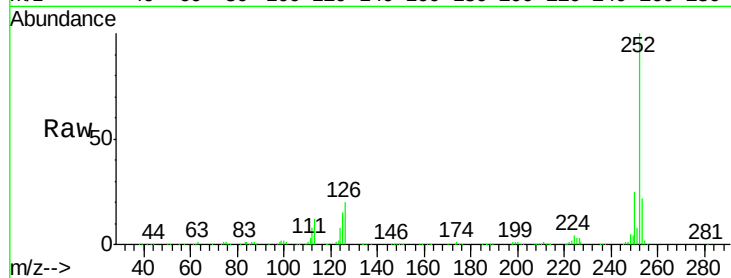
Tot Ion:252 Resp: 491751

Ion Ratio Lower Upper

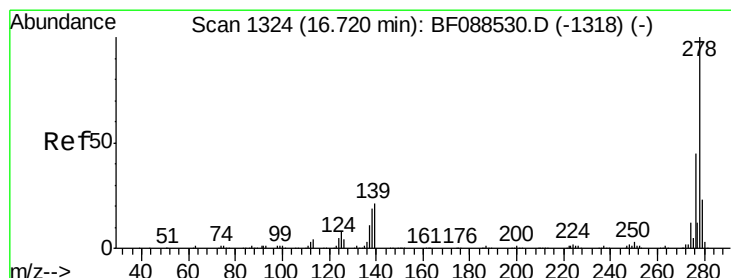
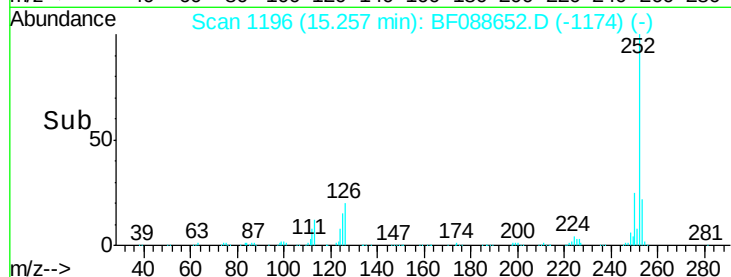
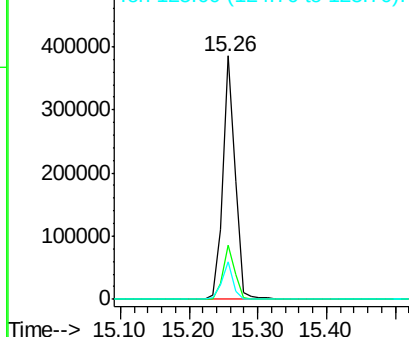
252 100

253 22.2 17.9 26.9

125 15.4 12.5 18.7



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



#90

Dibenzo(a,h)anthracene

Concen: 41.09 ng

RT: 16.66 min Scan# 1319

Delta R.T. -0.06 min

Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

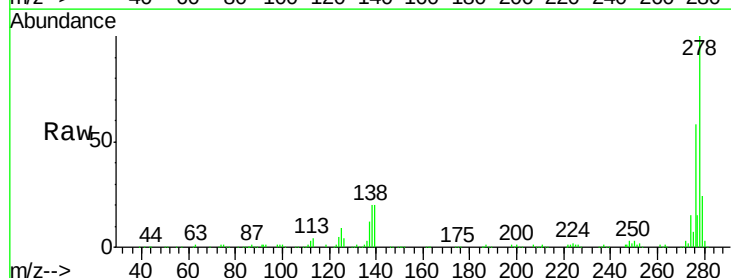
Tgt Ion:278 Resp: 437755

Ion Ratio Lower Upper

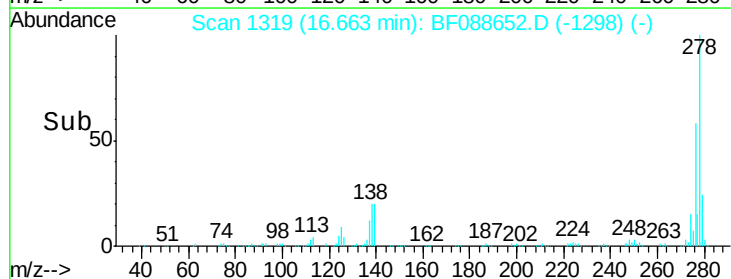
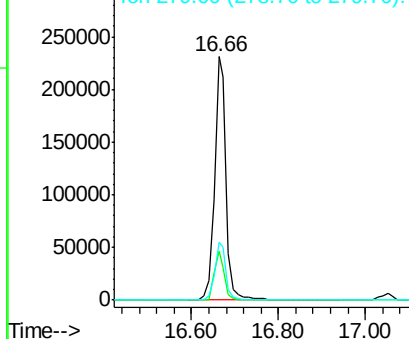
278 100

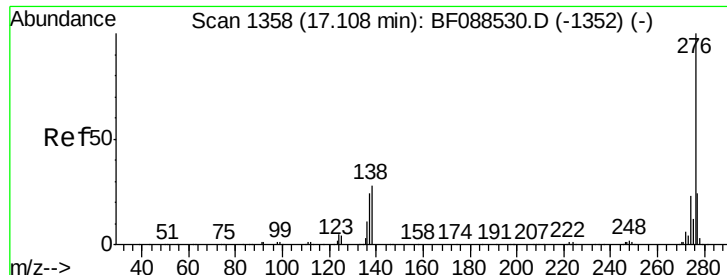
139 20.3 15.7 23.5

279 24.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.67 ng

RT: 17.05 min Scan# 1353

Delta R.T. -0.06 min

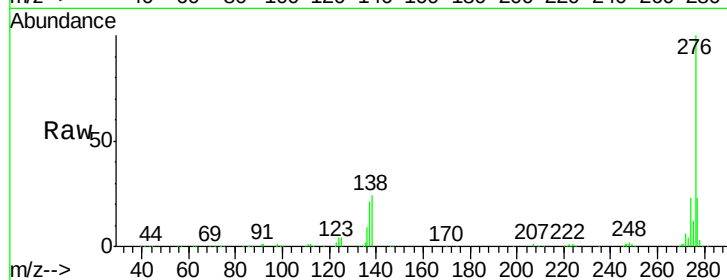
Lab File: BF088652.D

Acq: 3 Jul 2016 16:31

Instrument :

BNA_F

ClientSampleId :



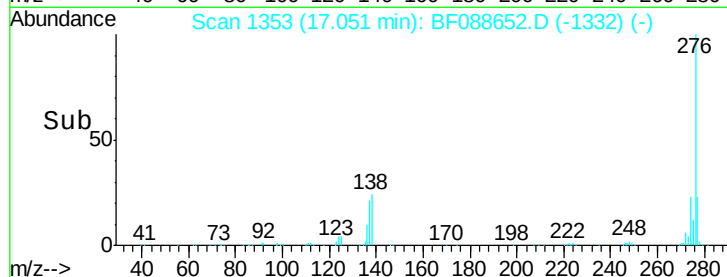
Tot Ion: 276 Resp: 448300

Ion Ratio Lower Upper

276 100

277 23.4 18.9 28.3

138 24.3 21.4 32.2



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

