

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088651.D
 Acq On : 3 Jul 2016 16:02
 Operator : UM/SJ
 Sample : H3837-08MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 04:58:14 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	111490	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	439910	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	204324	20.00	ng	-0.03
63) Phenanthrene-d10	11.30	188	422082	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	282983	20.00	ng	-0.03
86) Perylene-d12	15.31	264	264738	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	946848	127.28	ng	-0.01
7) Phenol-d6	6.42	99	1146076	119.23	ng	-0.02
23) Nitrobenzene-d5	7.35	82	767607	91.44	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	276633	145.80	ng	-0.03
44) 2-Fluorobiphenyl	9.15	172	1338216	103.45	ng	-0.02
78) Terphenyl-d14	12.88	244	1134222	89.27	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	115126	31.22	ng	# 34
3) Pyridine	3.10	79	43117	4.03	ng	89
4) n-Nitrosodimethylamine	3.02	42	82879	20.27	ng	87
6) Aniline	6.44	93	122331	8.73	ng	# 87
8) 2-Chlorophenol	6.57	128	194293	24.30	ng	96
9) Benzaldehyde	6.33	77	123639	18.99	ng	99
10) Phenol	6.43	94	178517	16.27	ng	# 62
11) bis(2-Chloroethyl)ether	6.52	93	185729	22.70	ng	90
12) 1,3-Dichlorobenzene	6.96	146	183344	20.84	ng	97
13) 1,4-Dichlorobenzene	6.80	146	185449	21.24	ng	94
14) 1,2-Dichlorobenzene	6.96	146	183357	22.43	ng	95
15) Benzyl Alcohol	6.92	79	167460	23.67	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	242956	20.51	ng	91
17) 2-Methylphenol	7.04	107	151995	23.30	ng	97
18) Hexachloroethane	7.30	117	74927	22.18	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	133482	20.67	ng	94
20) 3+4-Methylphenols	7.20	107	196677	25.12	ng	# 83
22) Acetophenone	7.20	105	273489	25.61	ng	# 90
24) Nitrobenzene	7.37	77	232416	27.46	ng	91
25) Isophorone	7.61	82	396290	25.49	ng	99
26) 2-Nitrophenol	7.69	139	92272	26.59	ng	# 75
27) 2,4-Dimethylphenol	7.72	122	159388	22.05	ng	88
28) bis(2-Chloroethoxy)methane	7.83	93	255548	25.25	ng	# 96
29) 2,4-Dichlorophenol	7.93	162	155733	26.66	ng	95
30) 1,2,4-Trichlorobenzene	8.01	180	151887	23.69	ng	100
31) Naphthalene	8.09	128	537495	24.78	ng	99
32) Benzoic acid	7.79	122	21605	4.12	ng	93
33) 4-Chloroaniline	8.14	127	104557	10.84	ng	97
34) Hexachlorobutadiene	8.22	225	84989	24.76	ng	100
35) Caprolactam	8.54	113	34279	17.28	ng	92
36) 4-Chloro-3-methylphenol	8.63	107	176672	25.57	ng	92
37) 2-Methylnaphthalene	8.79	142	339003	24.28	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	131104	19.29	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	237386	71.17	ng	99

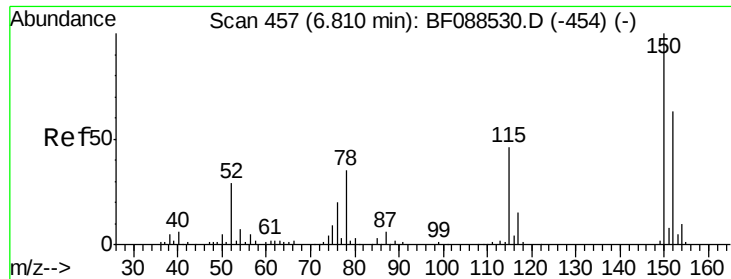
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	110742	24.72	nq	99
43) 2,4,5-Trichlorophenol	9.10	196	110324	28.62	nq	# 90
45) 1,1'-Biphenyl	9.24	154	421582	24.92	nq	99
46) 2-Chloronaphthalene	9.27	162	329171	24.78	nq	99
47) 2-Nitroaniline	9.36	65	113536	24.09	nq	98
48) Acenaphthylene	9.68	152	518775	24.55	nq	100
49) Dimethylphthalate	9.55	163	557727	38.31	nq	98
50) 2,6-Dinitrotoluene	9.61	165	90096	27.93	nq	93
51) Acenaphthene	9.85	154	352513	27.21	nq	98
52) 3-Nitroaniline	9.77	138	81268	19.82	nq	95
53) 2,4-Dinitrophenol	9.87	184	76286	53.55	nq	# 85
54) Dibenzofuran	10.02	168	440286	25.97	nq	# 88
55) 4-Nitrophenol	9.94	139	253400	81.31	nq	# 80
56) 2,4-Dinitrotoluene	10.01	165	121169	28.73	nq	98
57) Fluorene	10.36	166	356951	27.32	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	83601	28.03	nq	# 52
59) Diethylphthalate	10.25	149	421560	28.86	nq	99
60) 4-Chlorophenyl-phenylether	10.36	204	161789	26.65	nq	92
61) 4-Nitroaniline	10.38	138	80701	20.45	nq	83
62) Azobenzene	10.52	77	467356	28.05	nq	92
64) 4,6-Dinitro-2-methylphenol	10.41	198	52688	23.34	nq	90
65) n-Nitrosodiphenylamine	10.48	169	334147	23.39	nq	100
66) 4-Bromophenyl-phenylether	10.84	248	95338	22.41	nq	# 75
67) Hexachlorobenzene	10.91	284	111553	23.69	nq	# 85
68) Atrazine	11.00	200	95693	21.50	nq	91
69) Pentachlorophenol	11.11	266	177725	63.78	nq	98
70) Phenanthrene	11.32	178	573663	24.86	nq	98
71) Anthracene	11.37	178	532284	23.20	nq	99
72) Carbazole	11.53	167	525710	24.35	nq	97
73) Di-n-butylphthalate	11.86	149	616103	24.53	nq	99
74) Fluoranthene	12.50	202	560287	23.95	nq	99
76) Benzidine	12.63	184	44800	3.13	nq	98
77) Pyrene	12.73	202	588676	24.53	nq	99
79) Butylbenzylphthalate	13.36	149	272190	25.43	nq	97
80) Benzo(a)anthracene	13.91	228	447566	24.56	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	98953	14.44	nq	# 93
82) Chrysene	13.95	228	452385	25.09	nq	98
83) Bis(2-ethylhexyl)phthalate	13.92	149	349200	28.58	nq	99
84) Di-n-octyl phthalate	14.53	149	581628	28.02	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	346543	24.99	nq	# 100
87) Benzo(b)fluoranthene	14.95	252	768592	46.28	nq	# 96
88) Benzo(k)fluoranthene	14.95	252	768592	53.16	nq	99
89) Benzo(a)pyrene	15.26	252	354411	25.21	nq	# 96
90) Dibenzo(a,h)anthracene	16.66	278	286103	24.37	nq	98
91) Benzo(g,h,i)perylene	17.04	276	287790	23.69	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampled :

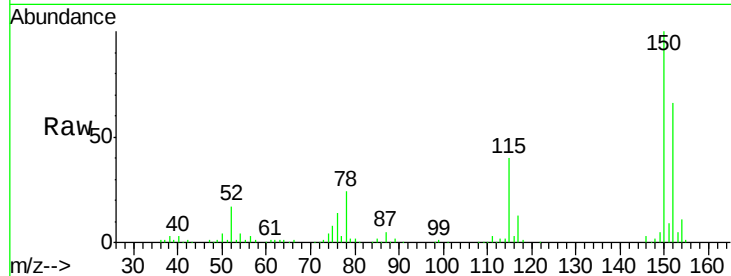
Tot Ion:152 Resp: 111490

Ion Ratio Lower Upper

152 100

150 151.5 123.8 185.6

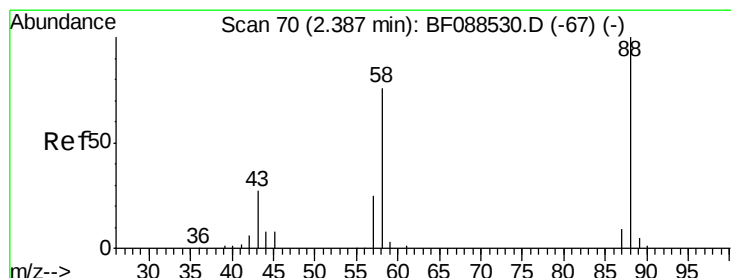
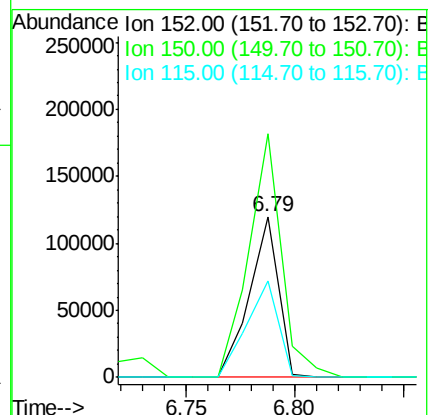
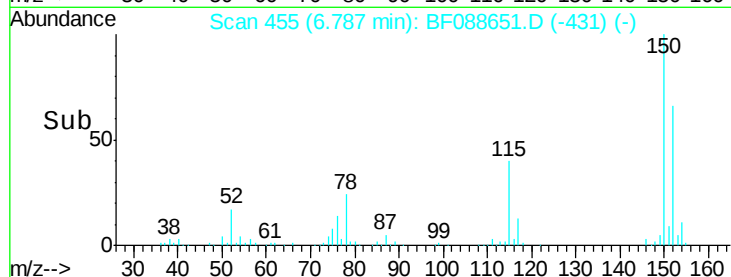
115 60.1 39.6 59.4#



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: 31.22 ng

RT: 2.39 min Scan# 70

Delta R.T. -0.00 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

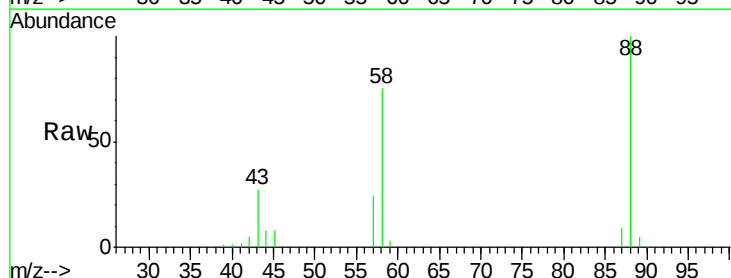
Tgt Ion: 88 Resp: 115126

Ion Ratio Lower Upper

88 100

58 70.7 0.0 0.0#

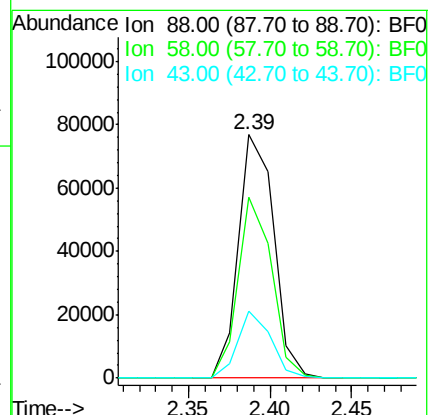
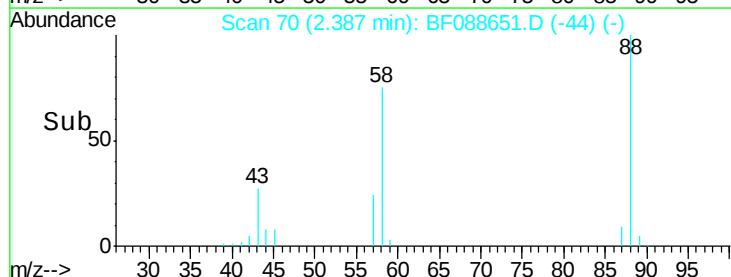
43 26.0 3.4 5.2#

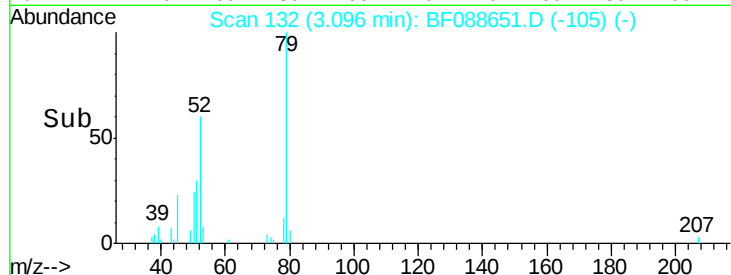
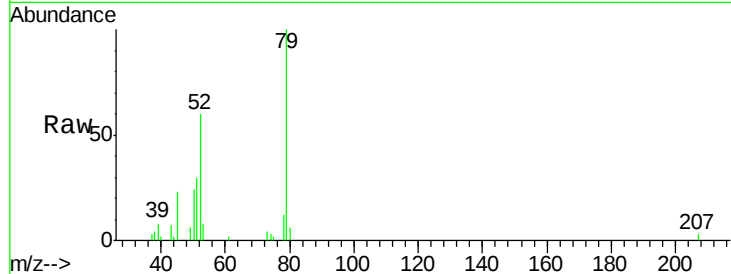
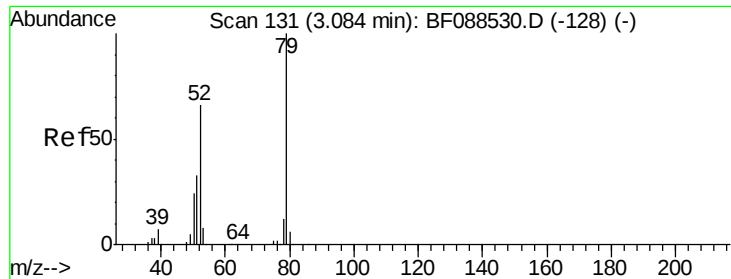


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

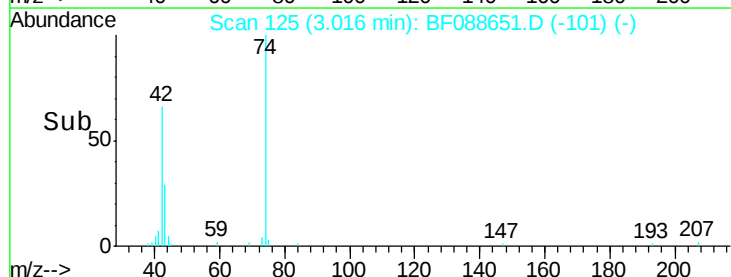
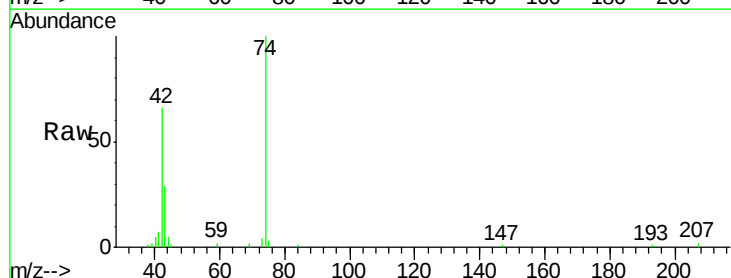
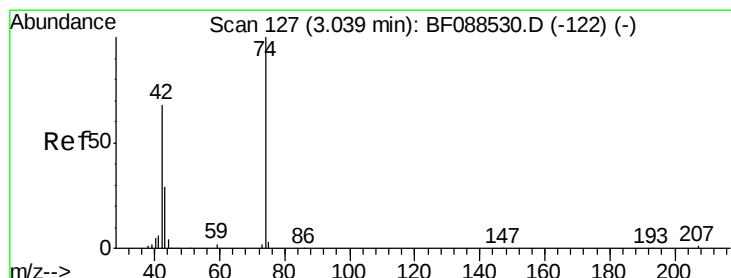
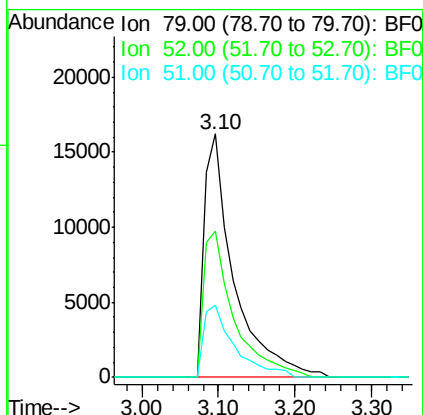




#3
 Pvridine
 Concen: 4.03 ng
 RT: 3.10 min Scan# 132
 Delta R.T. 0.01 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

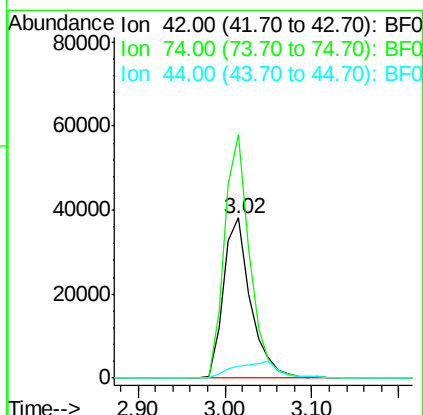
Instrument :
 BNA_F
 ClientSampleId :

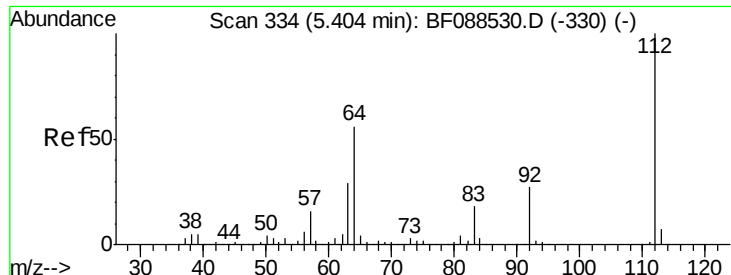
Tot Ion: 79 Resp: 43117
 Ion Ratio Lower Upper
 79 100
 52 60.0 56.3 84.5
 51 29.7 27.4 41.2



#4
 n-Nitrosodimethylamine
 Concen: 20.27 ng
 RT: 3.02 min Scan# 125
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion: 42 Resp: 82879
 Ion Ratio Lower Upper
 42 100
 74 152.2 108.6 163.0
 44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 127.28 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampled :

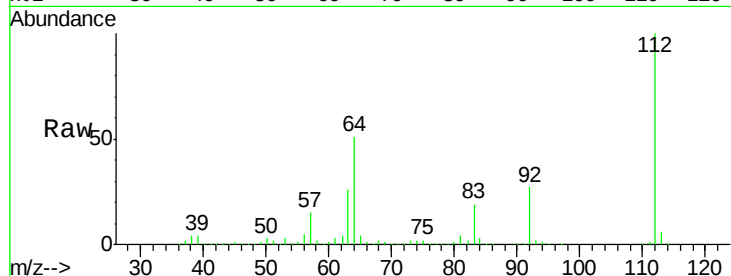
Tot Ion: 112 Resp: 946848

Ion Ratio Lower Upper

112 100

64 50.6 42.2 63.2

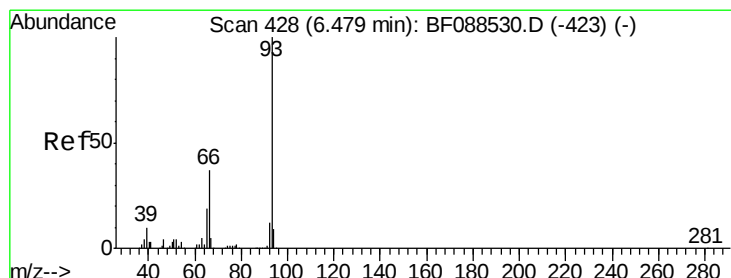
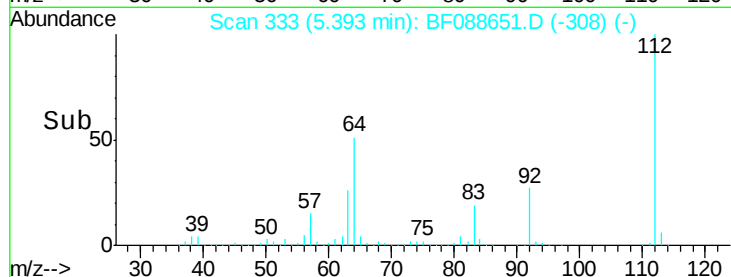
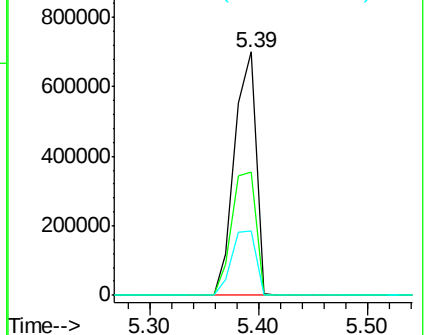
63 26.4 21.8 32.8



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: 8.73 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

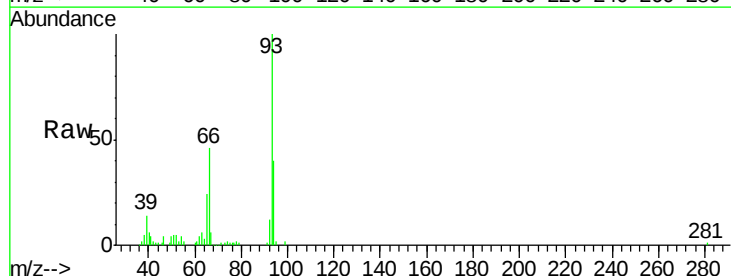
Tgt Ion: 93 Resp: 122331

Ion Ratio Lower Upper

93 100

66 45.5 29.8 44.8#

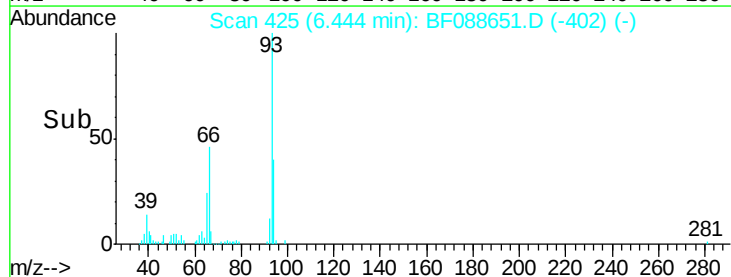
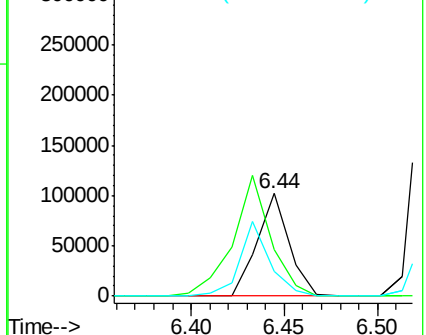
65 24.1 14.9 22.3#

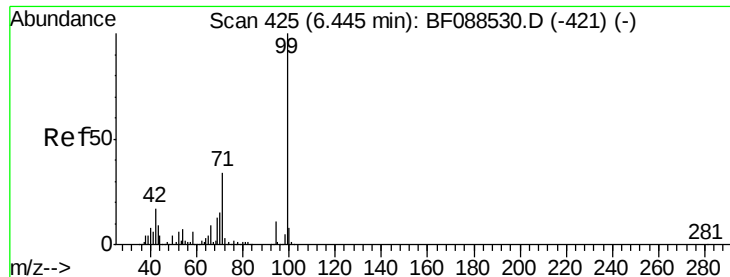


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.23 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

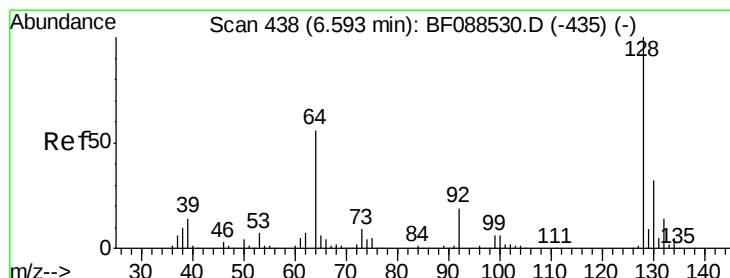
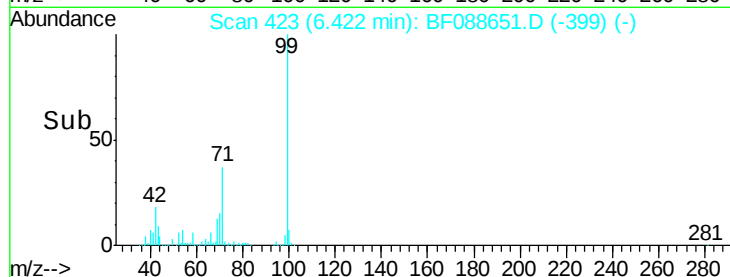
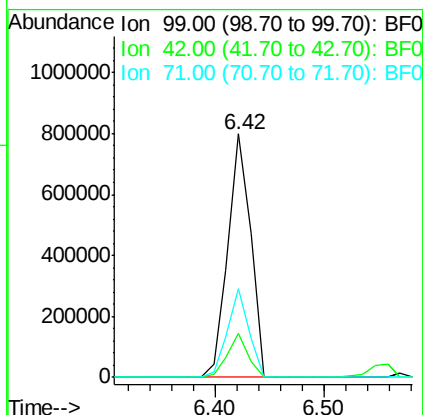
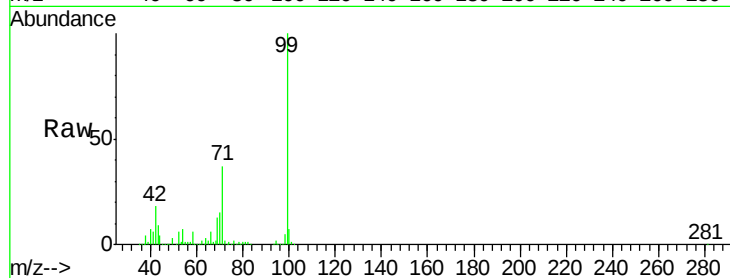
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1146076

Ion	Ratio	Lower	Upper
99	100		
42	18.1	12.2	18.2
71	36.6	23.4	35.0#



#8

2-Chlorophenol

Concen: 24.30 ng

RT: 6.57 min Scan# 436

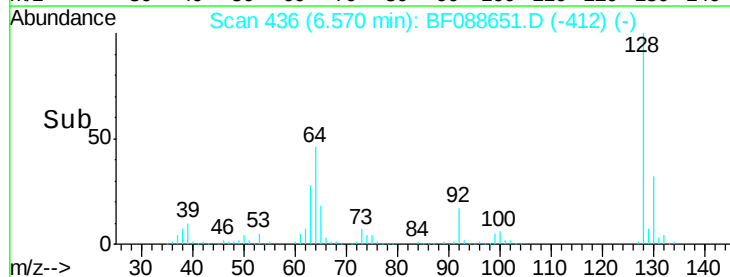
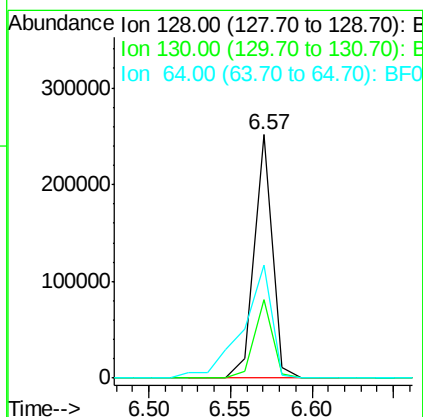
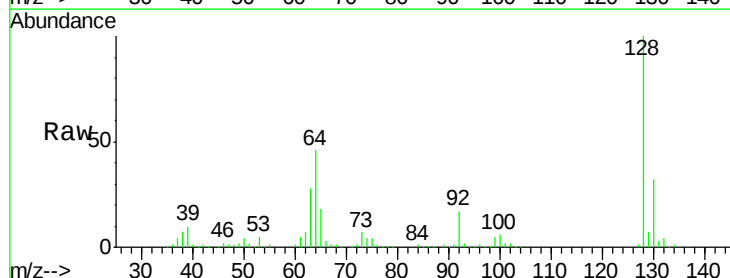
Delta R.T. -0.02 min

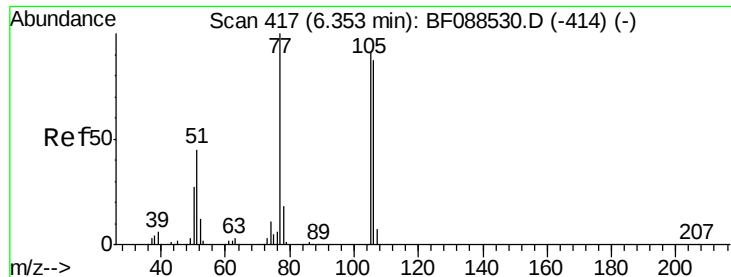
Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Tgt Ion: 128 Resp: 194293

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.0	52.0
64	46.3	30.8	70.8





#9

Benzaldehyde

Concen: 18.99 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

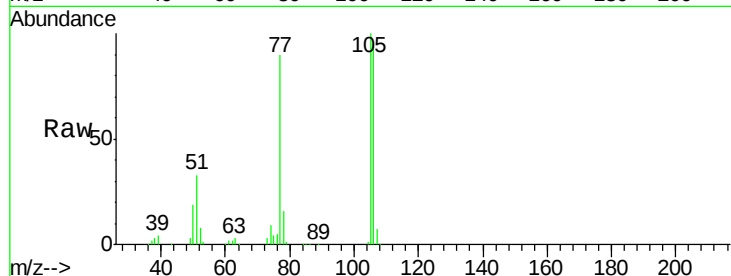
Tot Ion: 77 Resp: 123639

Ion Ratio Lower Upper

77 100

105 111.4 90.6 130.6

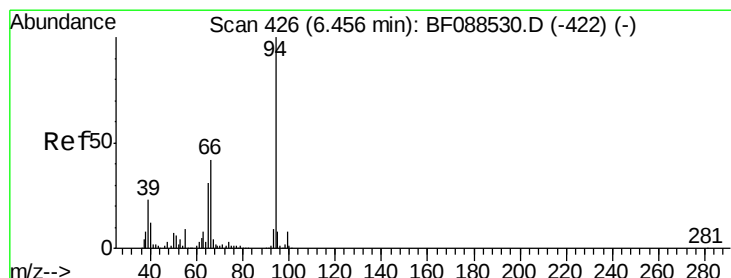
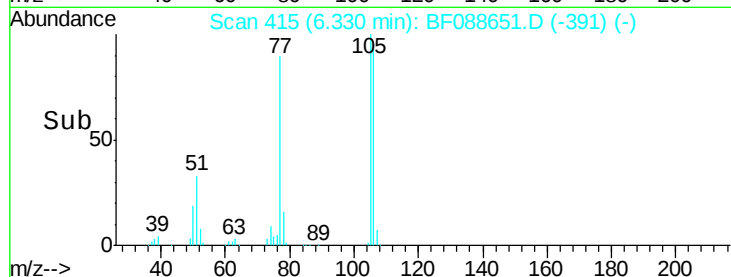
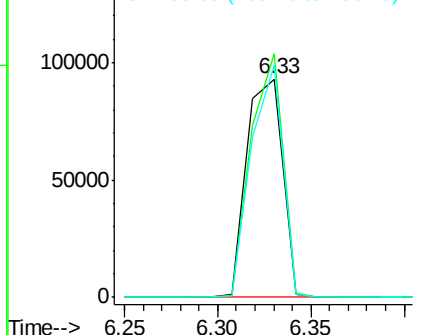
106 105.9 85.3 125.3



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: 16.27 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

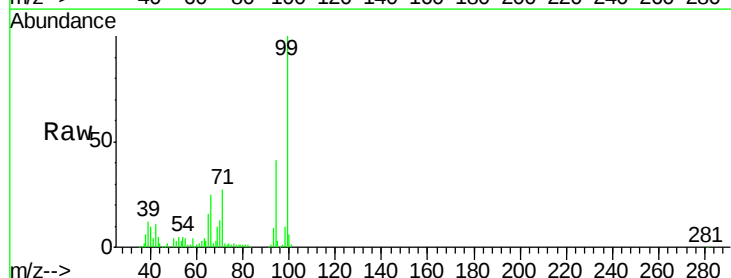
Tgt Ion: 94 Resp: 178517

Ion Ratio Lower Upper

94 100

65 38.4 5.9 45.9

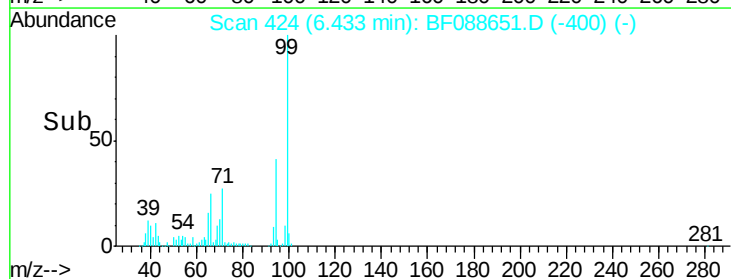
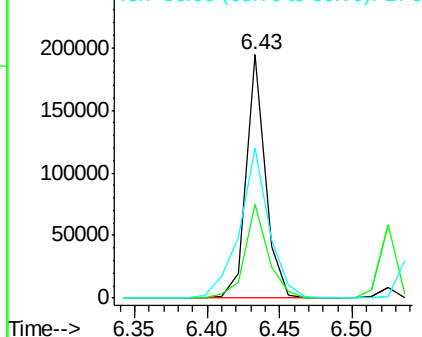
66 61.8 14.0 54.0#

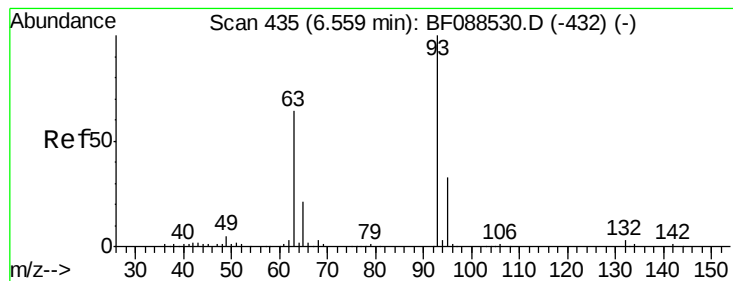


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

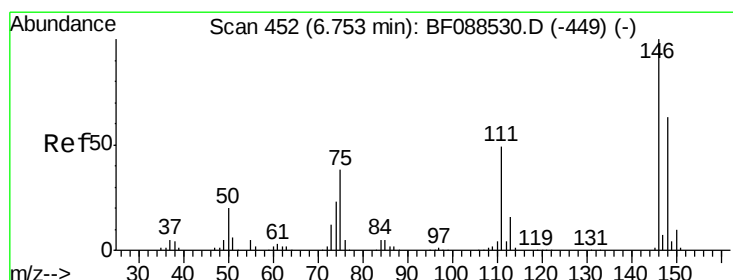
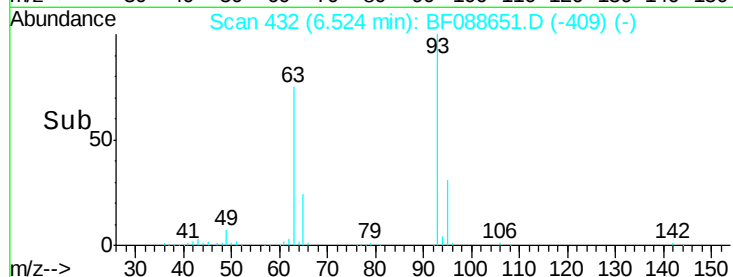
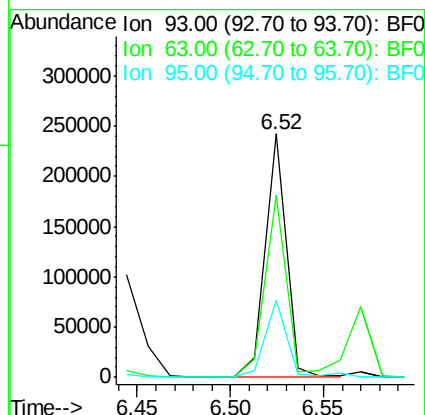
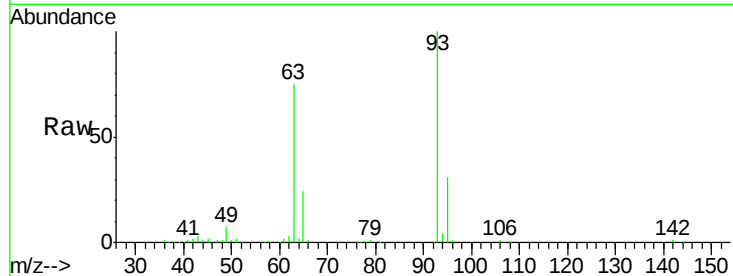




#11
bis(2-Chloroethyl)ether
Concen: 22.70 ng
RT: 6.52 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

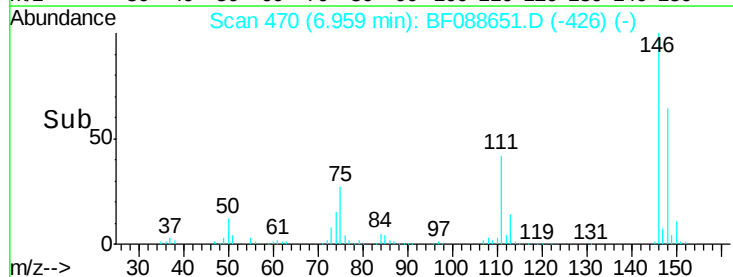
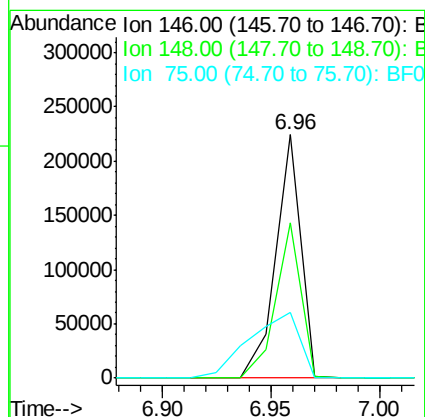
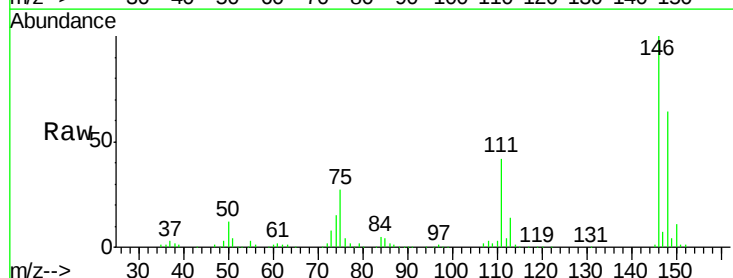
Instrument :
BNA_F
ClientSampleId :

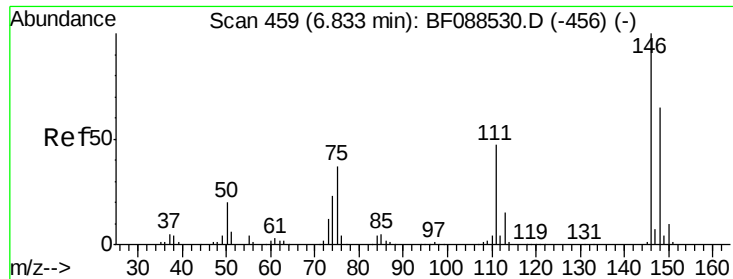
Tot Ion: 93 Resp: 185729
Ion Ratio Lower Upper
93 100
63 75.0 67.6 107.6
95 31.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 20.84 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.21 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion: 146 Resp: 183344
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 27.1 25.6 38.4

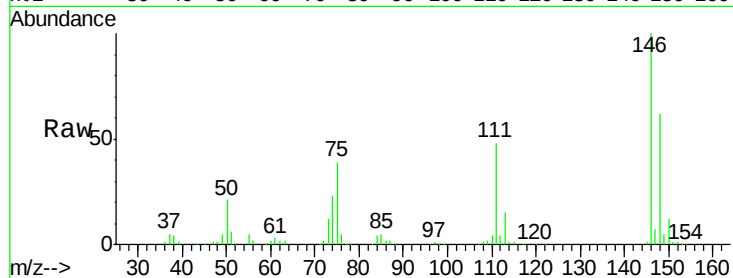




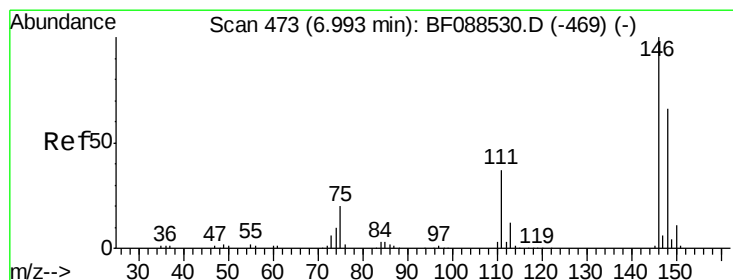
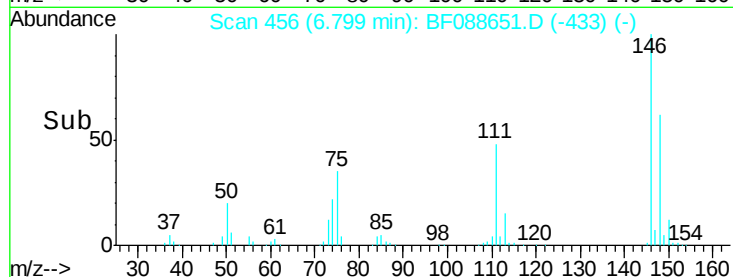
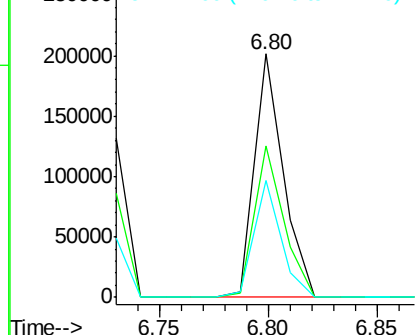
#13
 1,4-Dichlorobenzene
 Concen: 21.24 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 185449
 Ion Ratio Lower Upper
 146 100
 148 62.4 52.0 78.0
 111 48.0 33.8 50.8

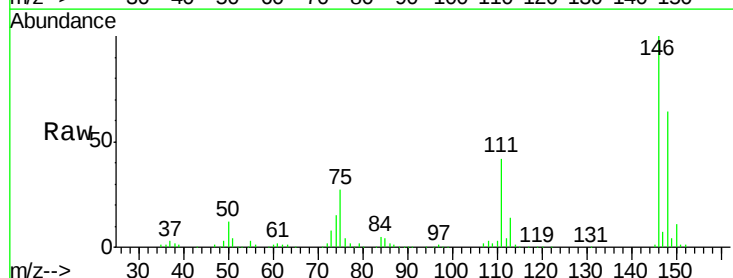


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

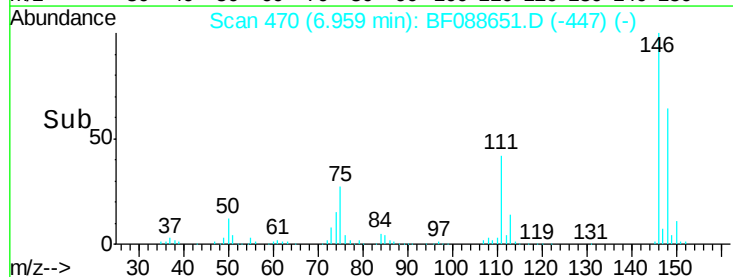
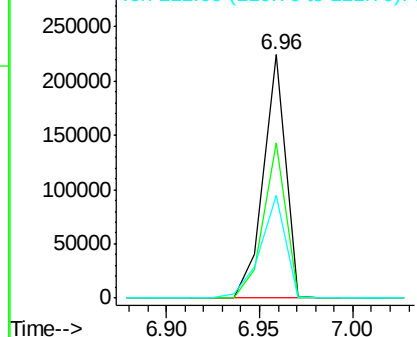


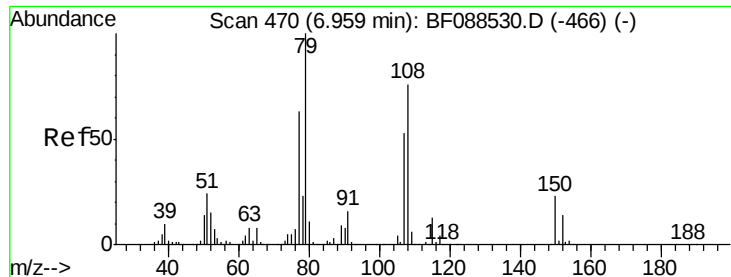
#14
 1,2-Dichlorobenzene
 Concen: 22.43 ng
 RT: 6.96 min Scan# 470
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:146 Resp: 183357
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.3 78.5
 111 42.5 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: 23.67 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

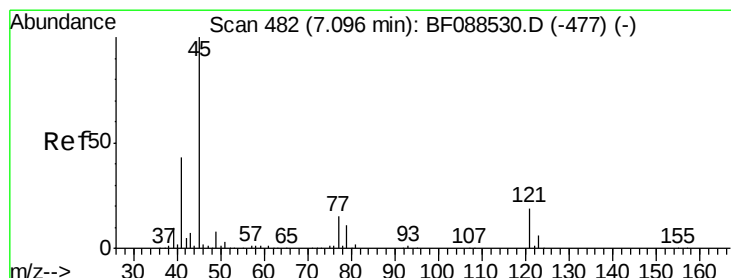
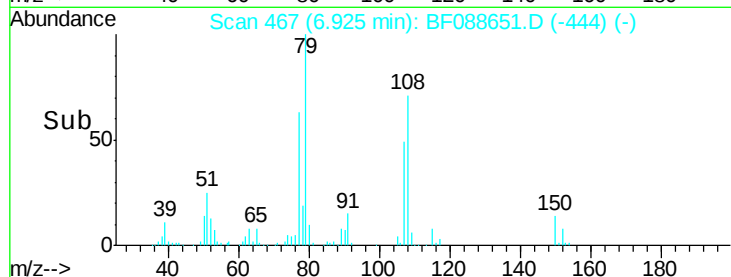
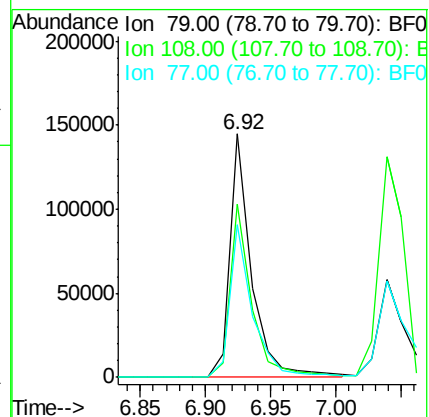
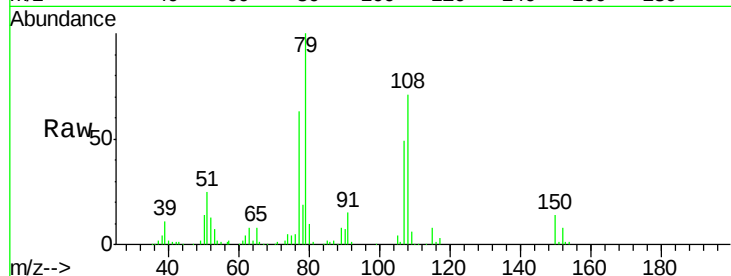
Tot Ion: 79 Resp: 167460

Ion Ratio Lower Upper

79 100

108 71.2 65.0 97.6

77 62.9 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.51 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

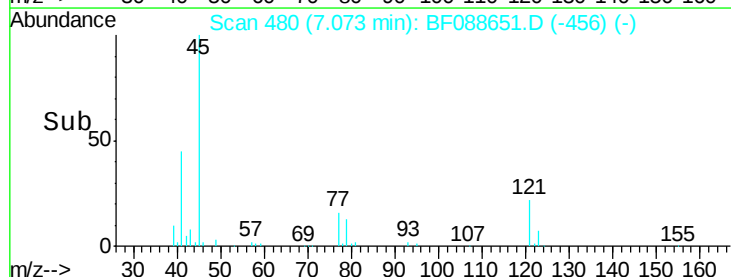
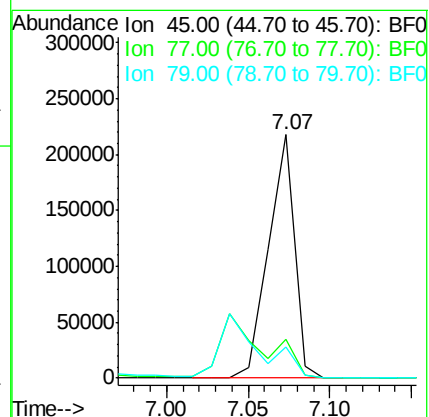
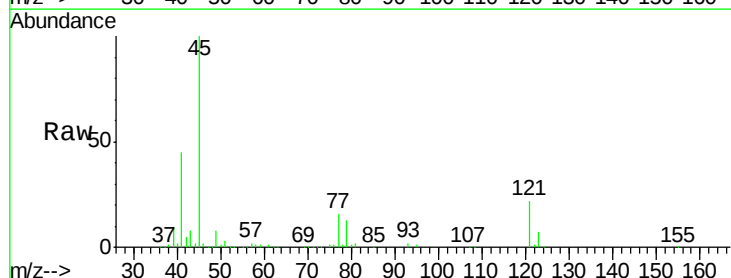
Tgt Ion: 45 Resp: 242956

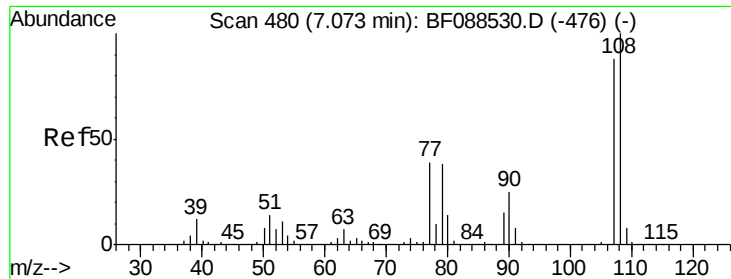
Ion Ratio Lower Upper

45 100

77 16.1 0.0 32.5

79 12.8 0.0 29.5

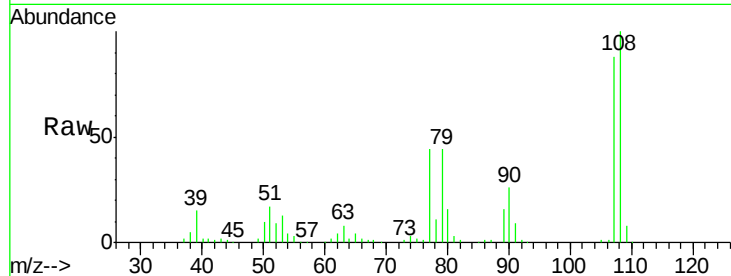




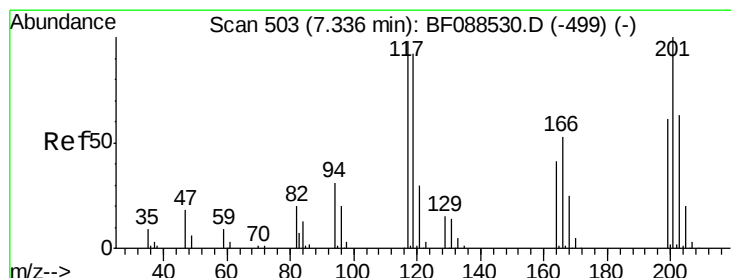
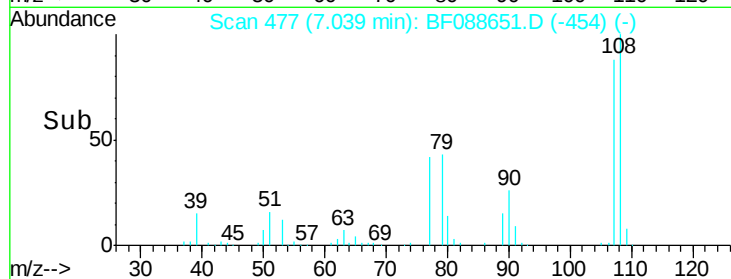
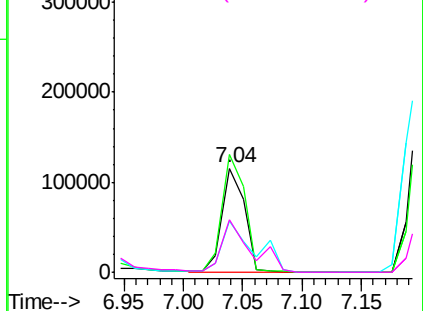
#17
2-Methylphenol
Concen: 23.30 ng
RT: 7.04 min Scan# 477
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	151995
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.9	136.3
77	49.7	36.6	55.0
79	49.9	36.5	54.7

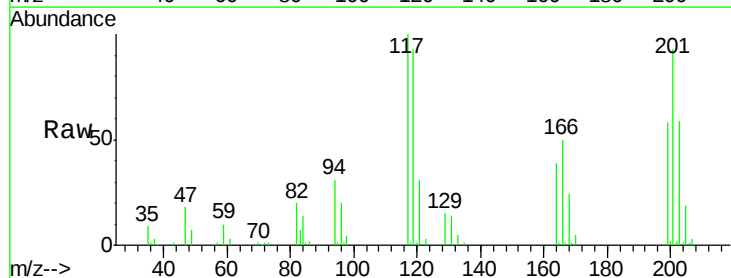


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

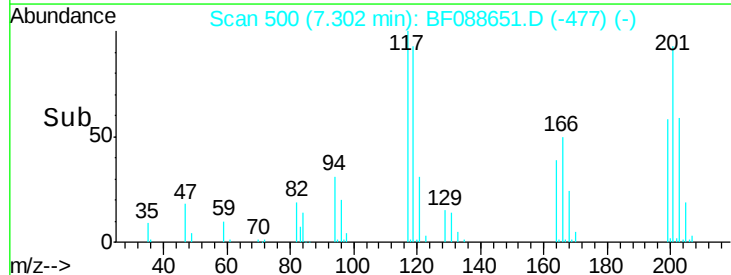
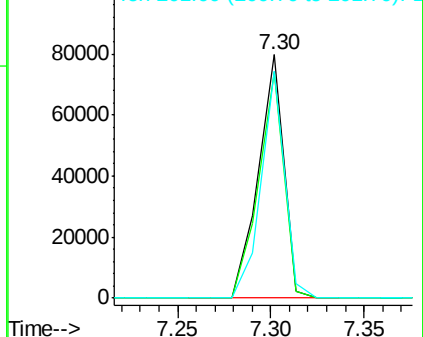


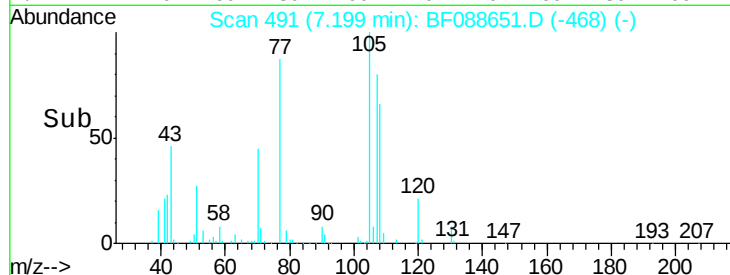
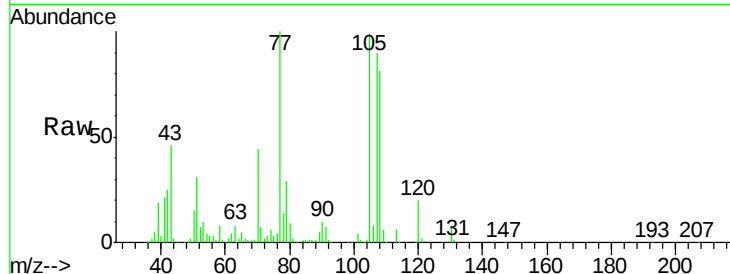
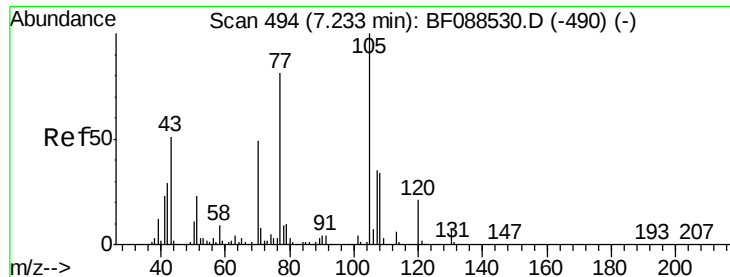
#18
Hexachloroethane
Concen: 22.18 ng
RT: 7.30 min Scan# 500
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:	117	Resp:	74927
Ion	Ratio	Lower	Upper
117	100		
119	92.6	77.4	116.2
201	93.0	80.4	120.6



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

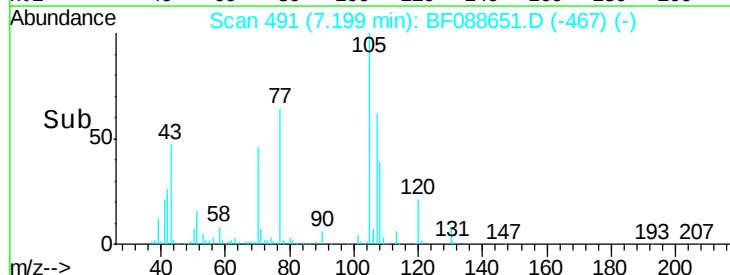
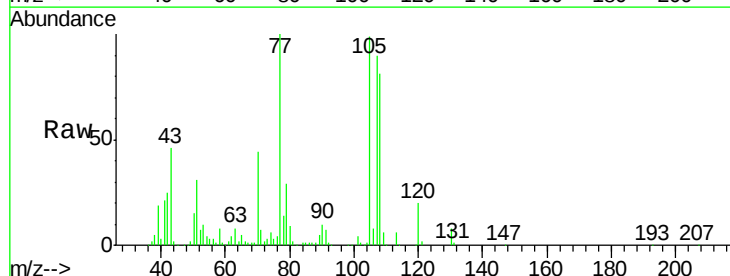
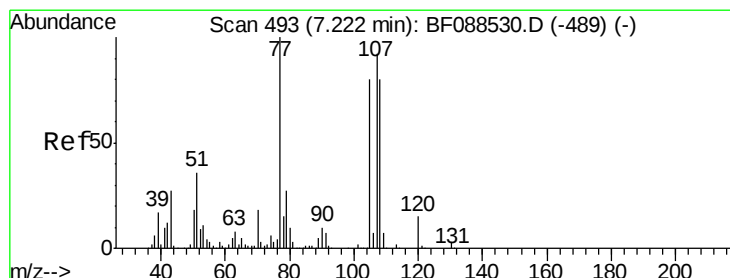
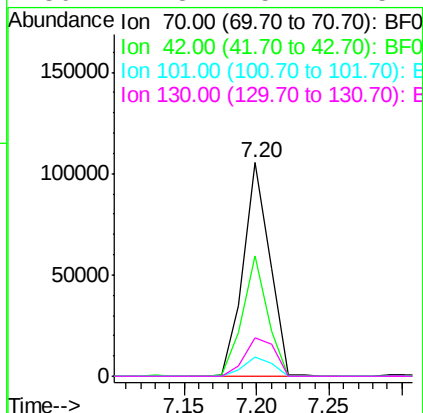




#19
n-Nitroso-di-n-propylamine
Concen: 20.67 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

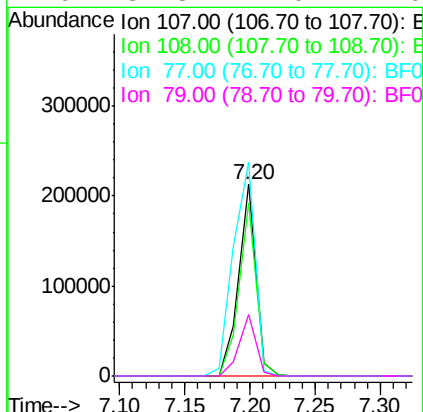
Instrument :
BNA_F
ClientSampleId :

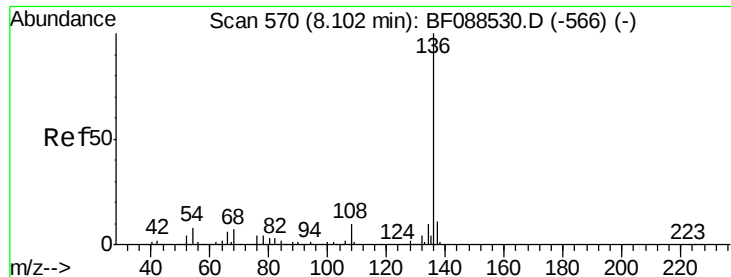
Tot Ion: 70 Resp: 133482
Ion Ratio Lower Upper
70 100
42 56.4 49.6 74.4
101 8.9 7.1 10.7
130 17.8 15.4 23.2



#20
3+4-Methylphenols
Concen: 25.12 ng
RT: 7.20 min Scan# 491
Delta R.T. -0.02 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion: 107 Resp: 196677
Ion Ratio Lower Upper
107 100
108 90.3 67.8 107.8
77 111.4 59.3 99.3#
79 31.8 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 439910

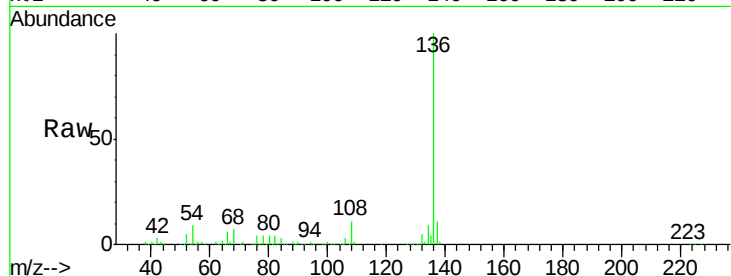
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.1 6.6 10.0

68 7.3 5.1 7.7

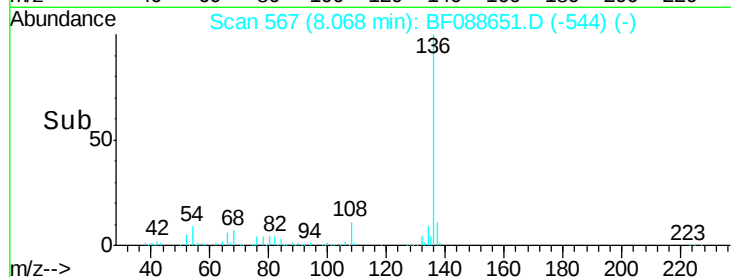


Abundance Ion 136.00 (135.70 to 136.70): E

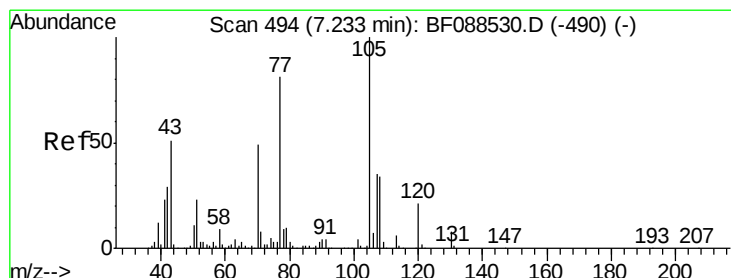
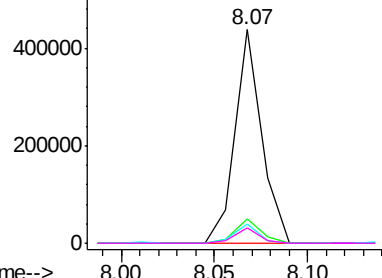
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 25.61 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Tgt Ion:105 Resp: 273489

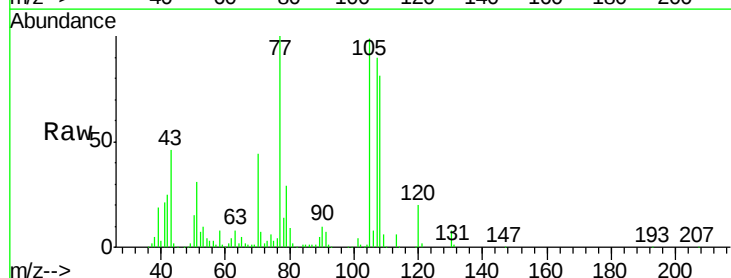
Ion Ratio Lower Upper

105 100

71 7.4 5.3 7.9

51 31.2 18.2 27.4#

120 20.7 18.0 27.0

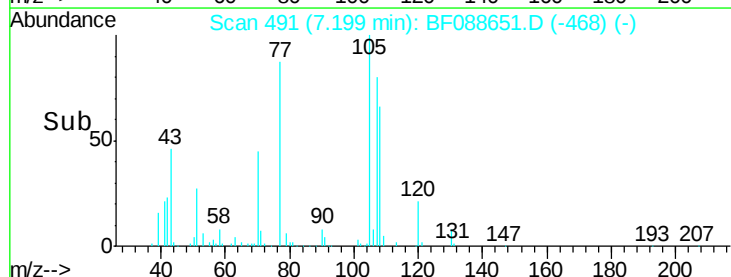


Abundance Ion 105.00 (104.70 to 105.70): E

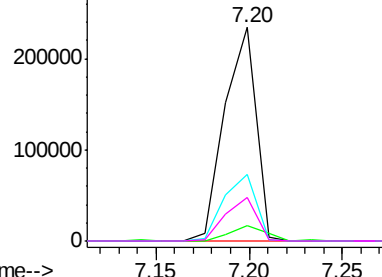
Ion 71.00 (70.70 to 71.70): BF0

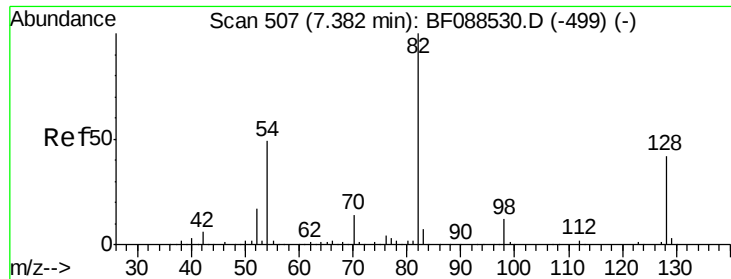
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

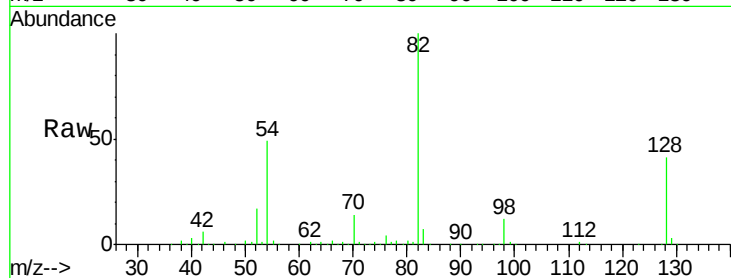




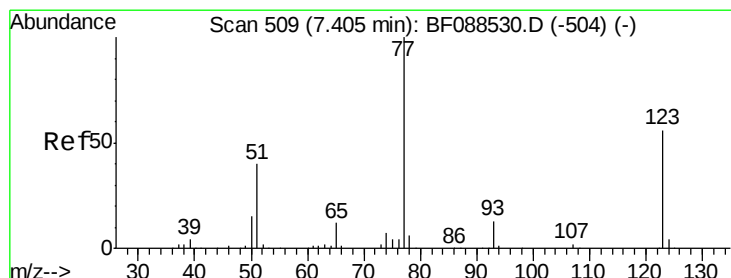
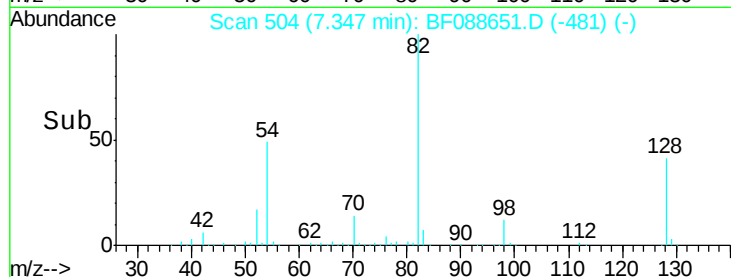
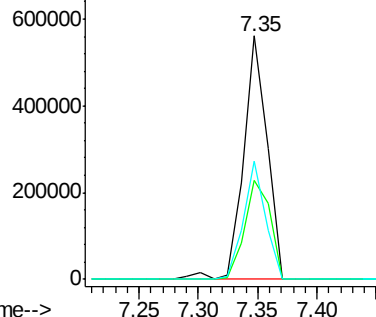
#23
Nitrobenzene-d5
Concen: 91.44 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 767607
Ion Ratio Lower Upper
82 100
128 40.7 35.9 53.9
54 48.6 40.9 61.3

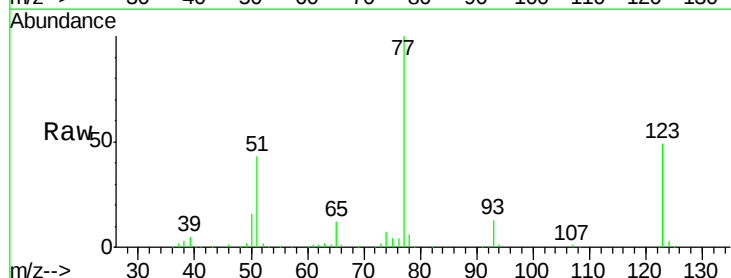


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

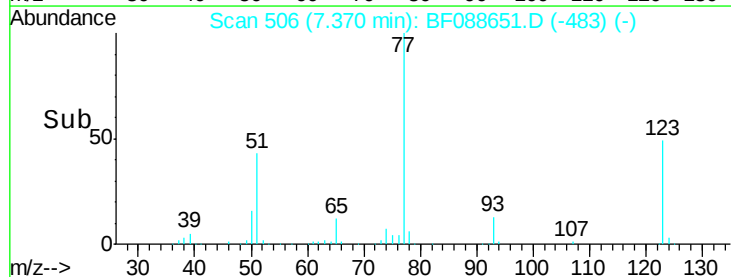
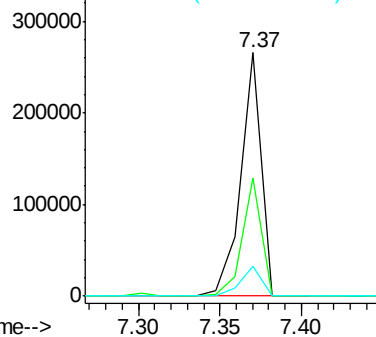


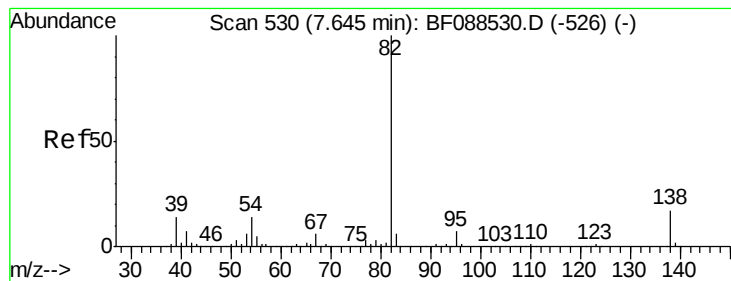
#24
Nitrobenzene
Concen: 27.46 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion: 77 Resp: 232416
Ion Ratio Lower Upper
77 100
123 48.6 45.0 67.4
65 12.4 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: 25.49 ng

RT: 7.61 min Scan# 527

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampled :

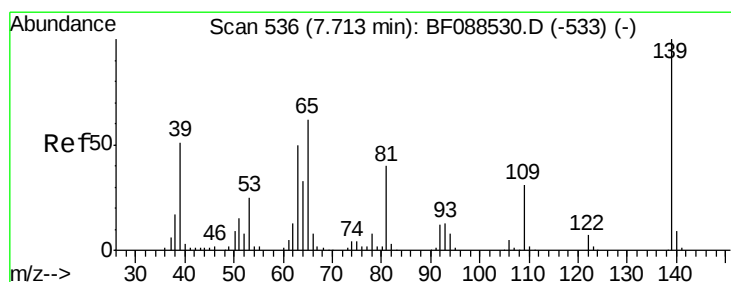
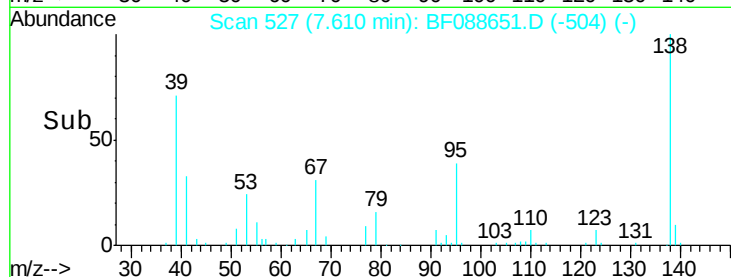
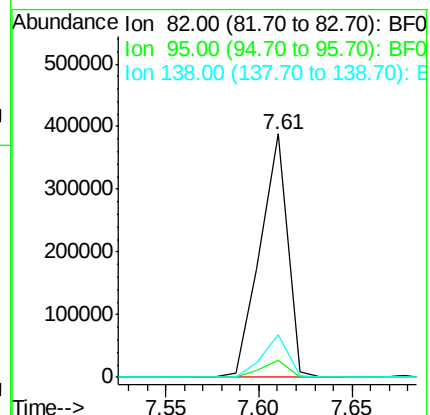
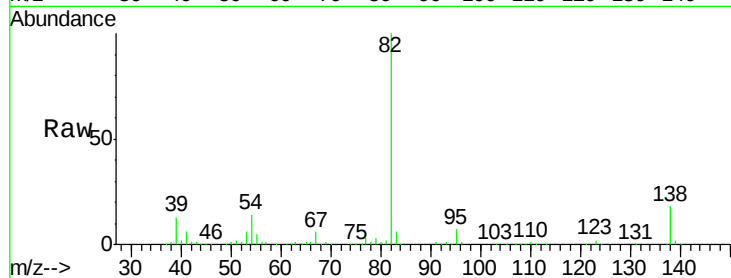
Tot Ion: 82 Resp: 396290

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 17.6 14.6 21.8



#26

2-Nitrophenol

Concen: 26.59 ng

RT: 7.69 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

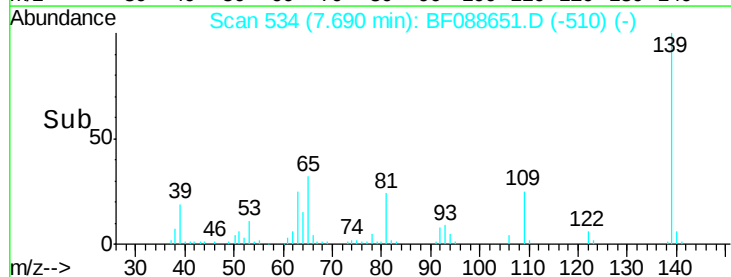
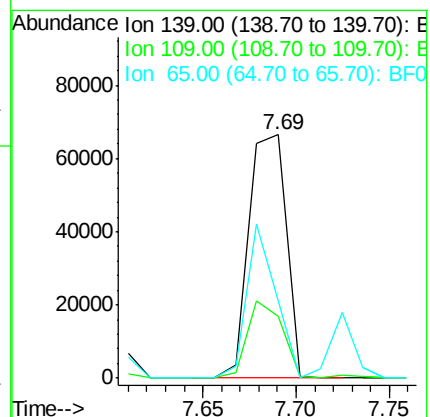
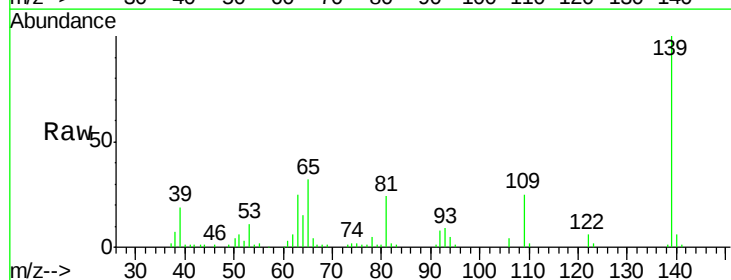
Tgt Ion: 139 Resp: 92272

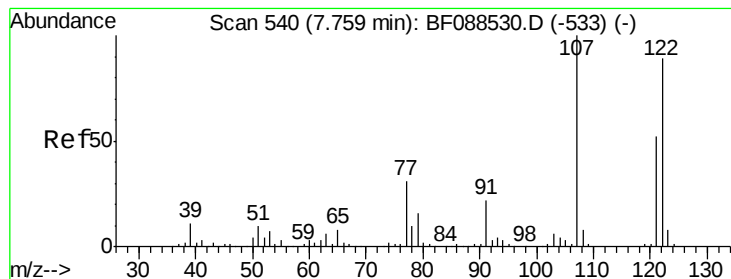
Ion Ratio Lower Upper

139 100

109 25.2 23.0 34.4

65 31.6 45.8 68.8#





#27

2,4-Dimethylphenol

Concen: 22.05 ng

RT: 7.72 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampled :

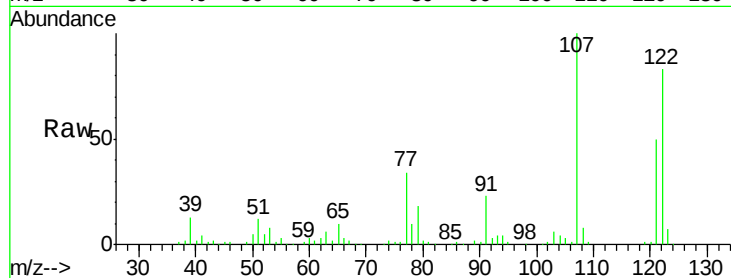
Tot Ion:122 Resp: 159388

Ion Ratio Lower Upper

122 100

107 120.0 82.4 123.6

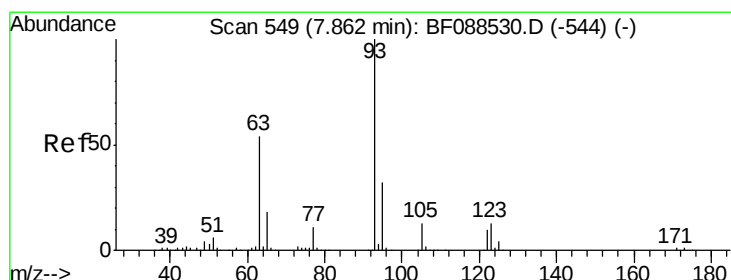
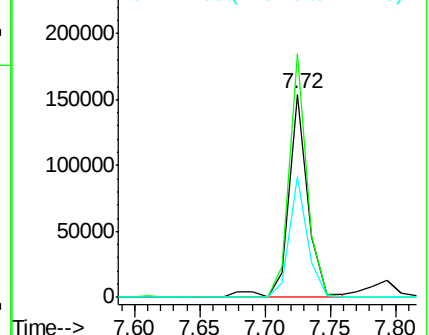
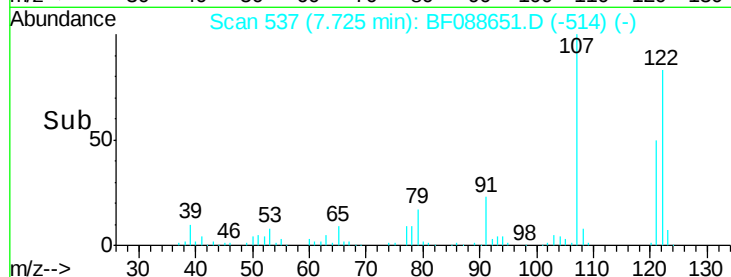
121 59.5 46.3 69.5



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: 25.25 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

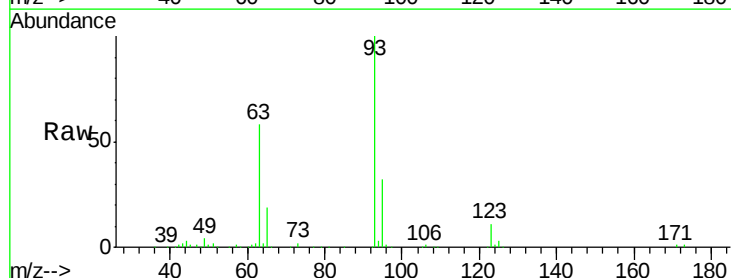
Tgt Ion: 93 Resp: 255548

Ion Ratio Lower Upper

93 100

95 32.2 26.5 39.7

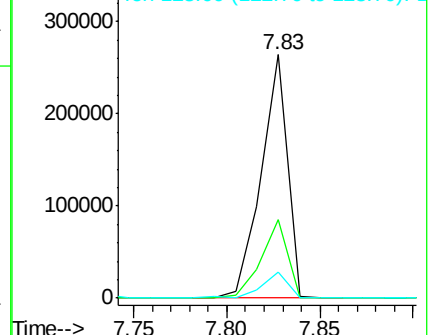
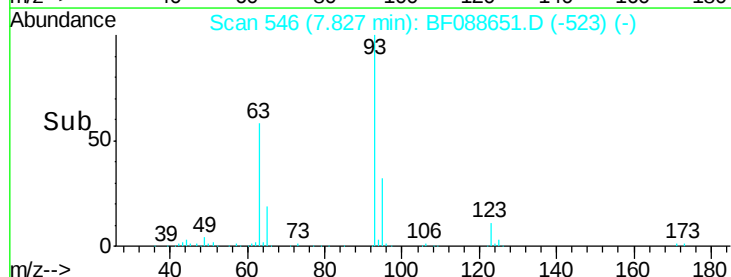
123 10.7 11.6 17.4#

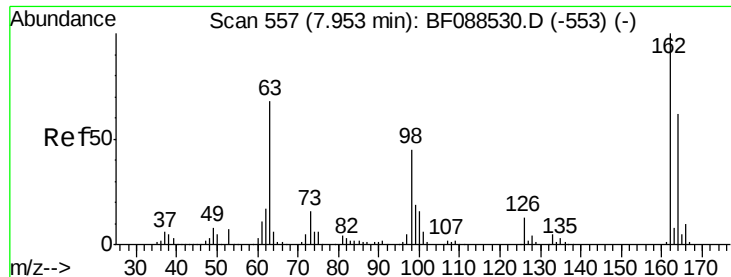


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

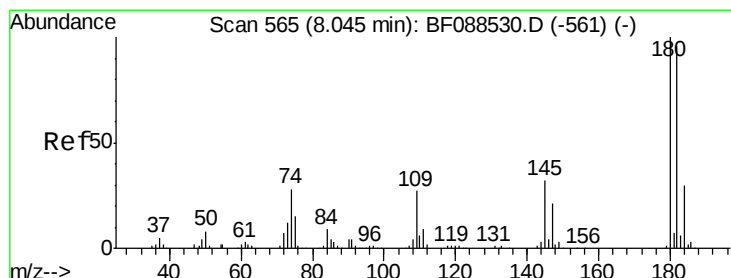
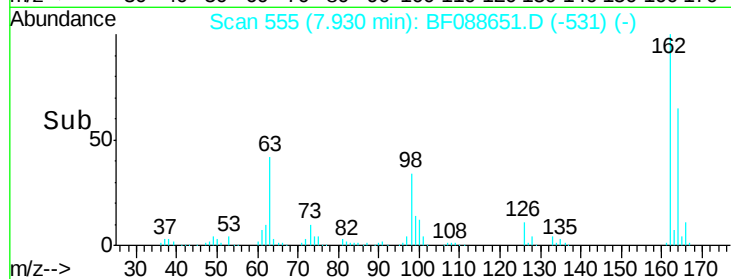
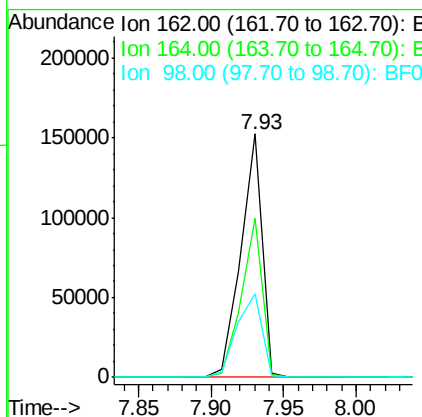
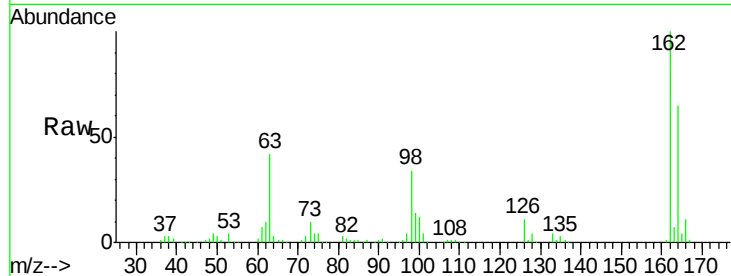




#29
 2,4-Dichlorophenol
 Concen: 26.66 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

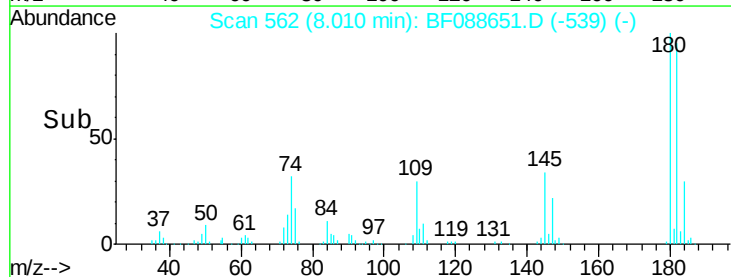
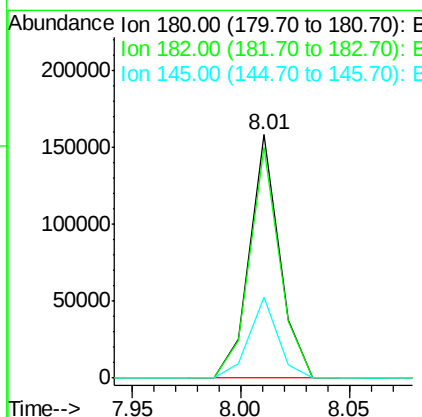
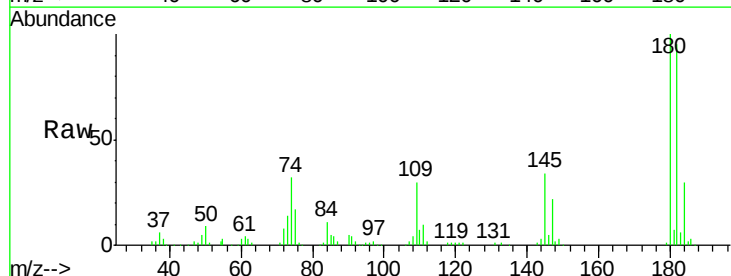
Instrument :
 BNA_F
 ClientSampleId :

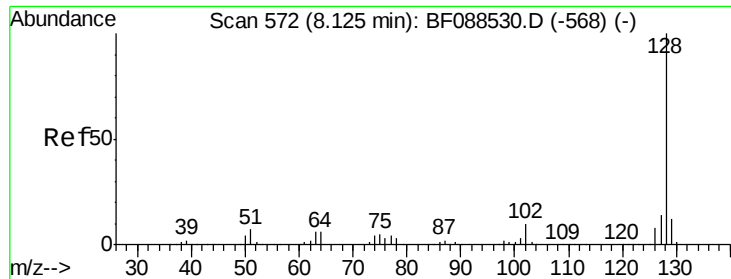
Tot Ion	162	Resp	155733
Ion Ratio	Lower	Upper	
162	100		
164	65.3	43.8	83.8
98	34.5	21.3	61.3



#30
 1,2,4-Trichlorobenzene
 Concen: 23.69 ng
 RT: 8.01 min Scan# 562
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion	180	Resp	151887
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.0	114.0
145	33.5	26.5	39.7

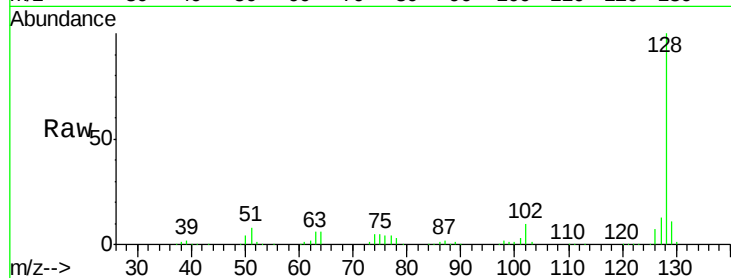




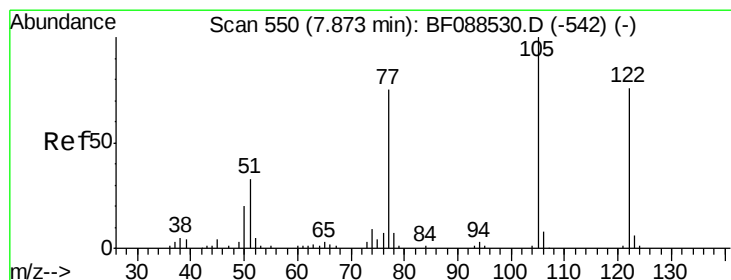
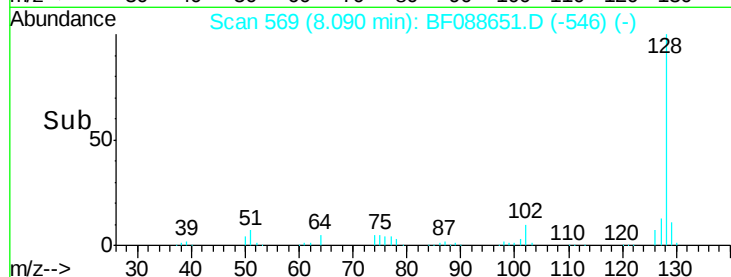
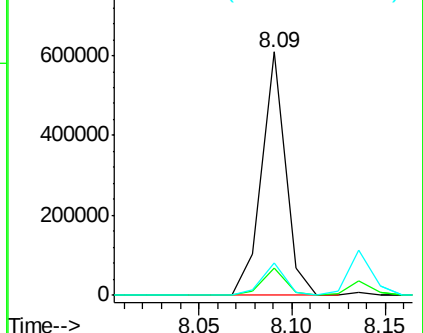
#31
Naphthalene
Concen: 24.78 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 537495
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.4 10.9 16.3

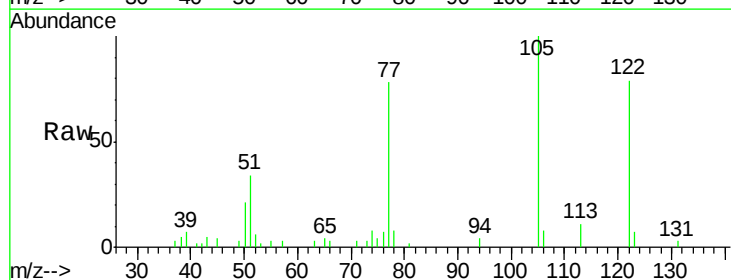


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

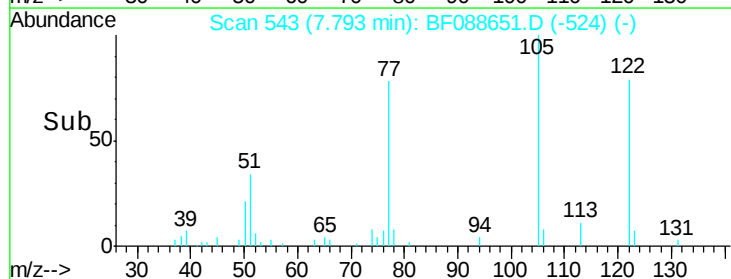
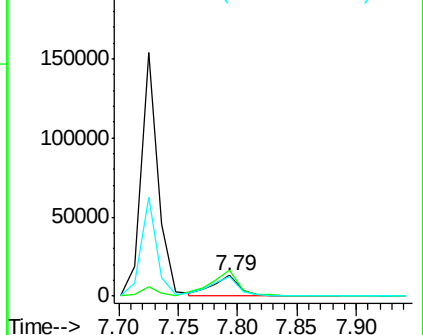


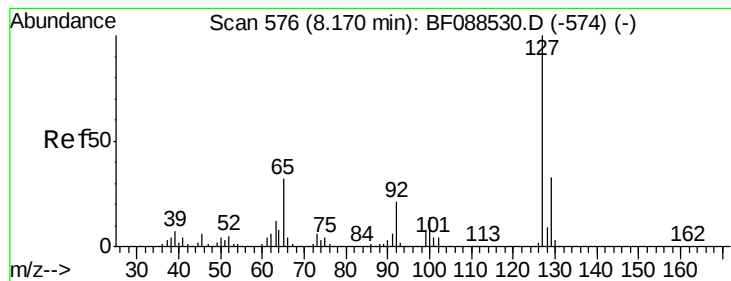
#32
Benzoic acid
Concen: 4.12 ng
RT: 7.79 min Scan# 543
Delta R.T. -0.08 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:122 Resp: 21605
Ion Ratio Lower Upper
122 100
105 127.4 101.6 141.6
77 98.8 70.6 110.6



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





#33

4-Chloroaniline

Concen: 10.84 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 104557

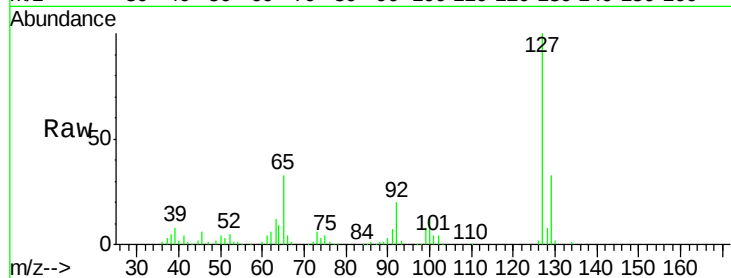
Ion Ratio Lower Upper

127 100

129 32.7 26.3 39.5

65 33.4 24.7 37.1

92 20.5 15.4 23.0

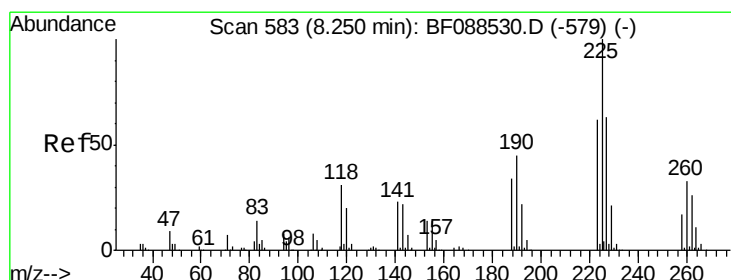
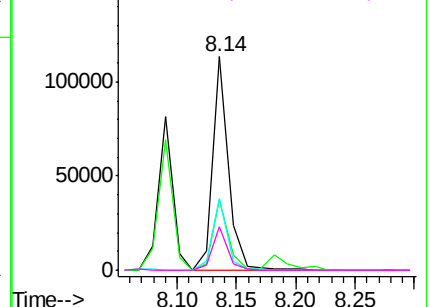
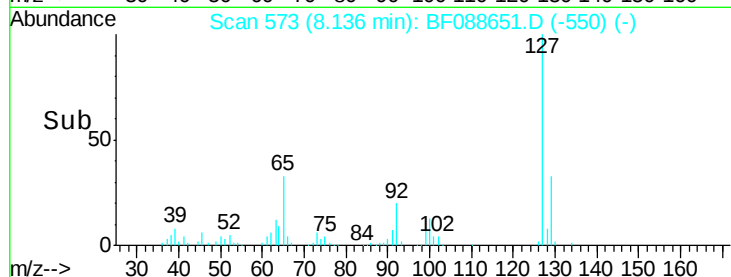


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 24.76 ng

RT: 8.22 min Scan# 580

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

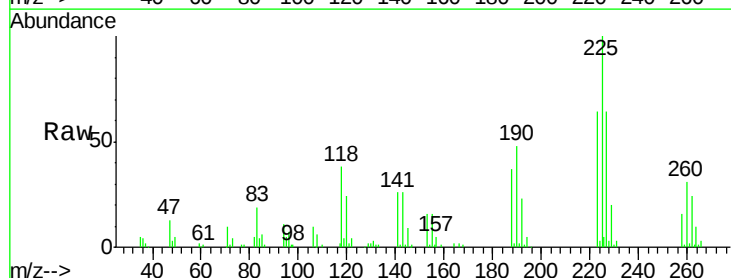
Tgt Ion:225 Resp: 84989

Ion Ratio Lower Upper

225 100

223 63.7 50.9 76.3

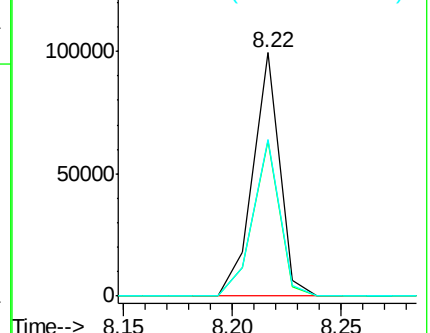
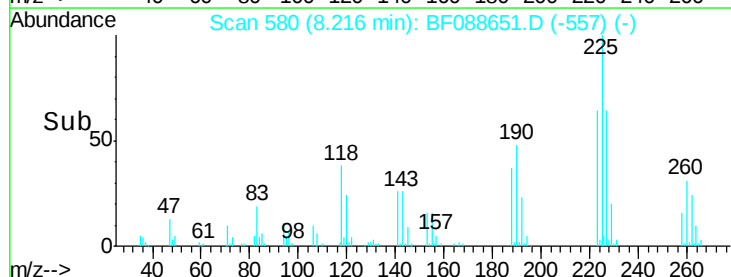
227 64.3 51.9 77.9

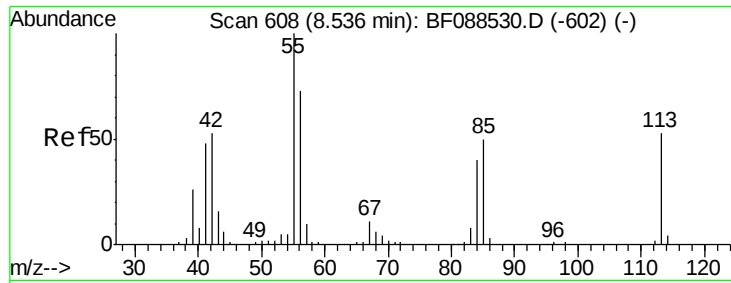


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

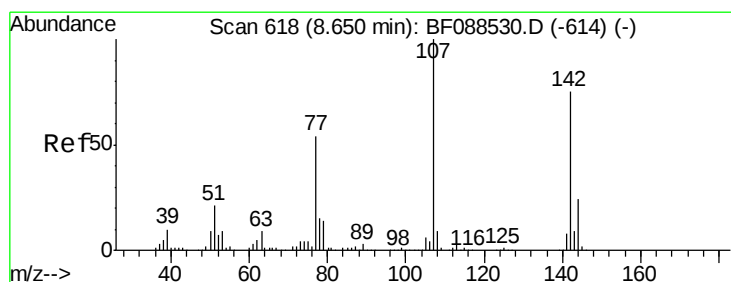
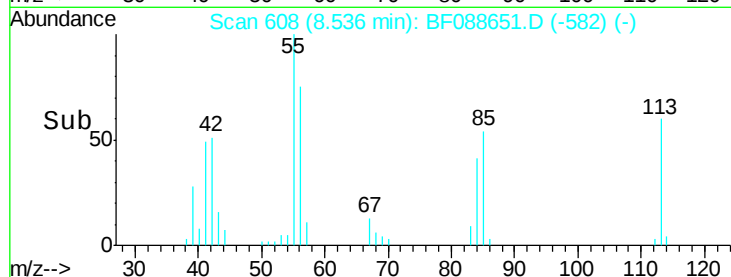
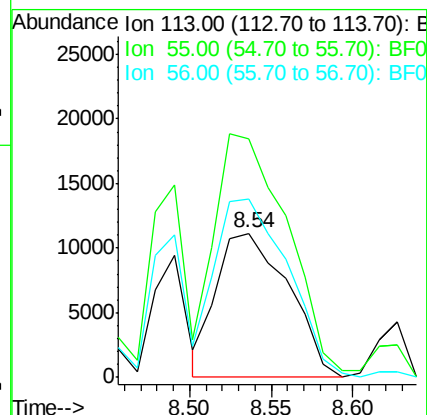
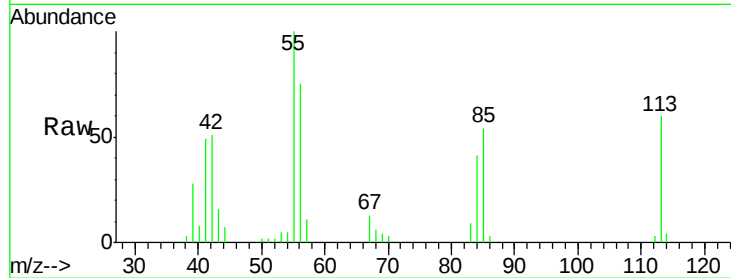




#35
 Caprolactam
 Concen: 17.28 ng
 RT: 8.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

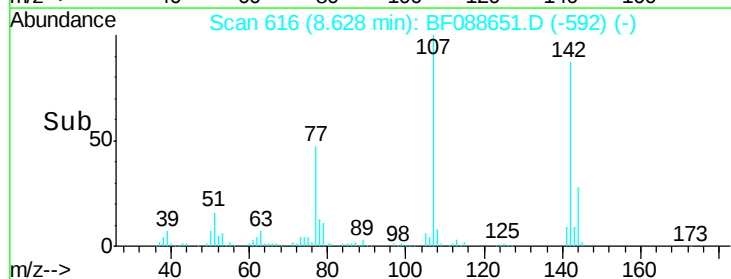
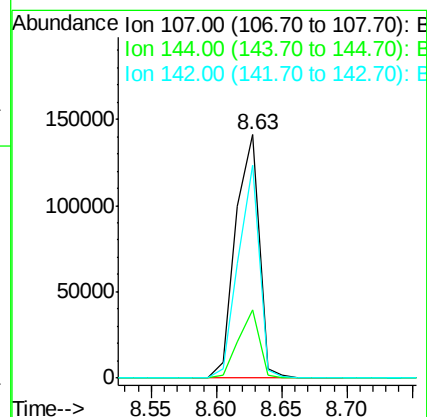
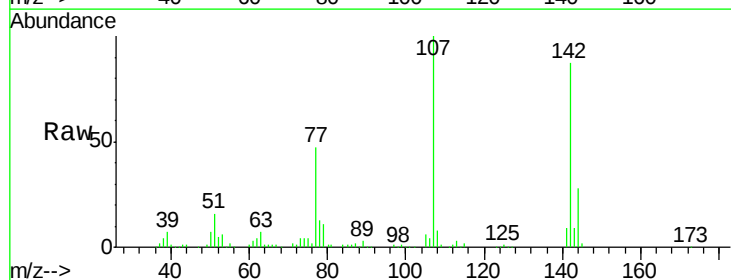
Instrument :
 BNA_F
 ClientSampleId :

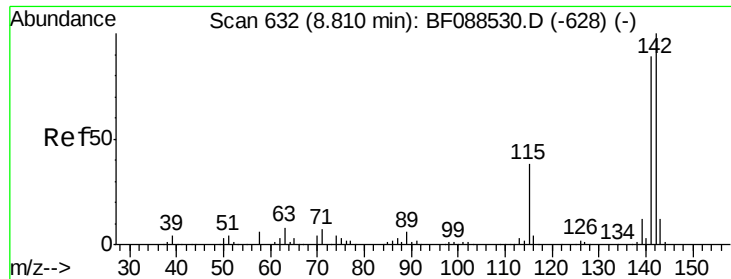
Tot Ion:113 Resp: 34279
 Ion Ratio Lower Upper
 113 100
 55 165.5 158.6 198.6
 56 124.3 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 25.57 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:107 Resp: 176672
 Ion Ratio Lower Upper
 107 100
 144 28.1 20.8 31.2
 142 87.4 63.4 95.2

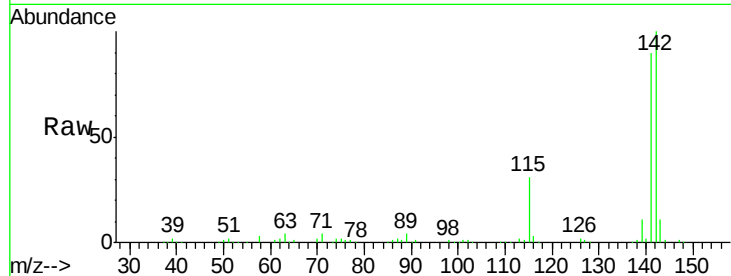




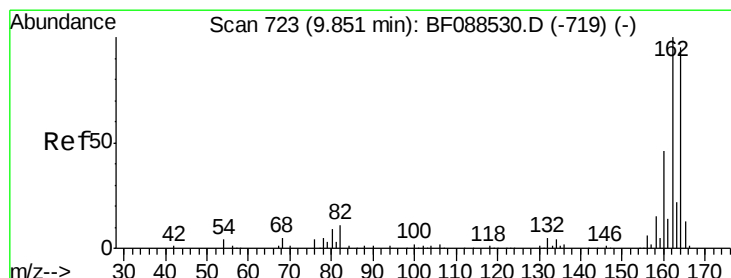
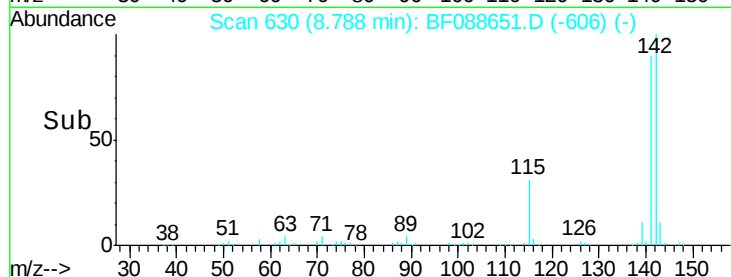
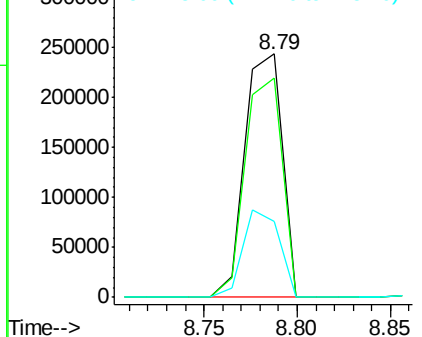
#37
 2-Methylnaphthalene
 Concen: 24.28 ng
 RT: 8.79 min Scan# 630
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 339003
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.0 106.6
 115 31.0 22.6 33.8

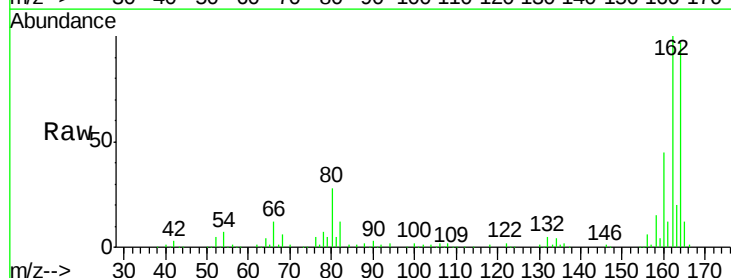


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

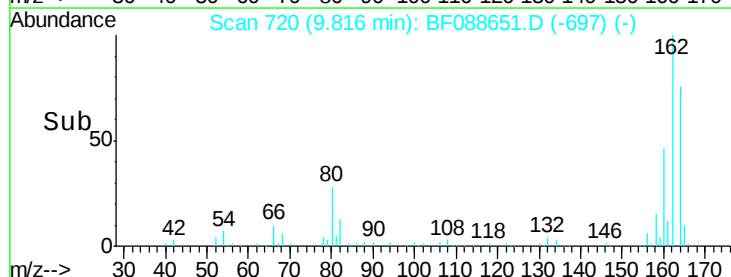
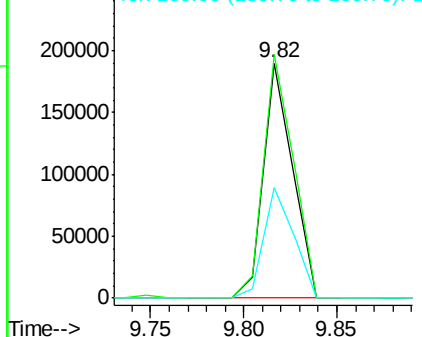


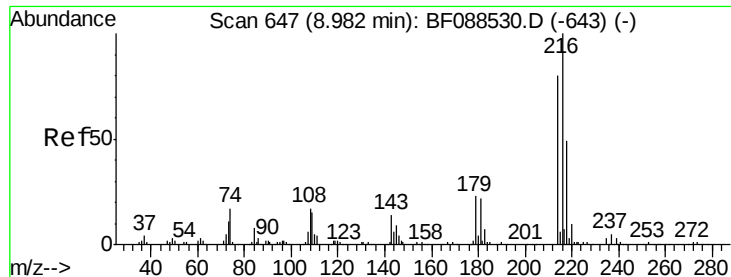
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:164 Resp: 204324
 Ion Ratio Lower Upper
 164 100
 162 103.6 85.4 128.2
 160 46.8 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: 19.29 ng

RT: 8.95 min Scan# 644

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 131104

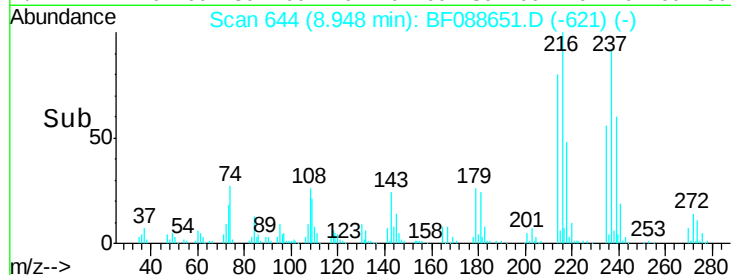
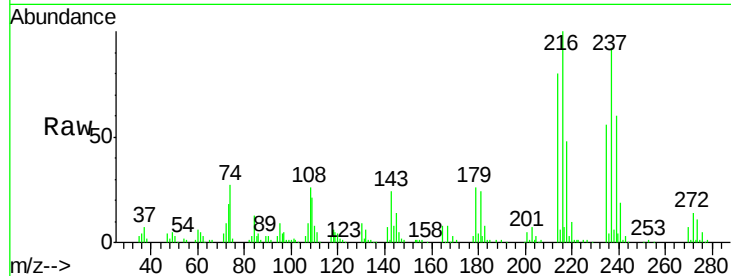
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 24.2 0.0 0.0#

108 29.3 0.5 0.7#

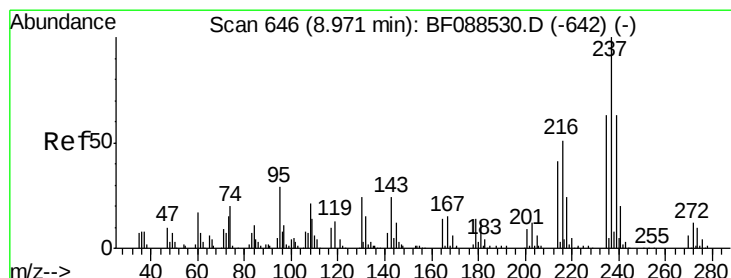
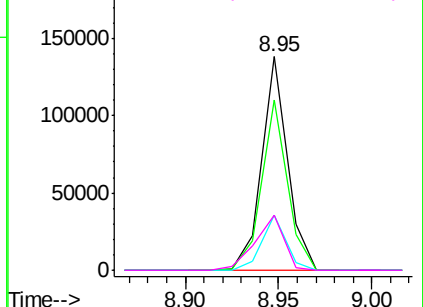


Abundance Ion 216.00 (215.70 to 216.70): E

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: 71.17 ng

RT: 8.94 min Scan# 643

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

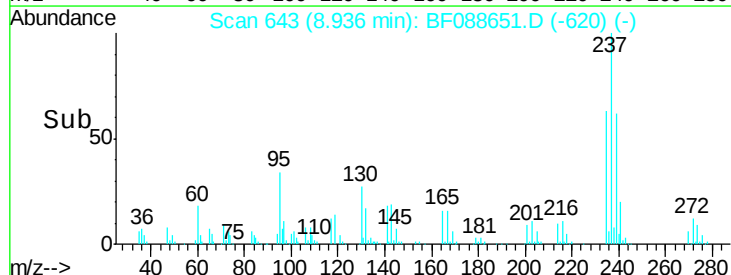
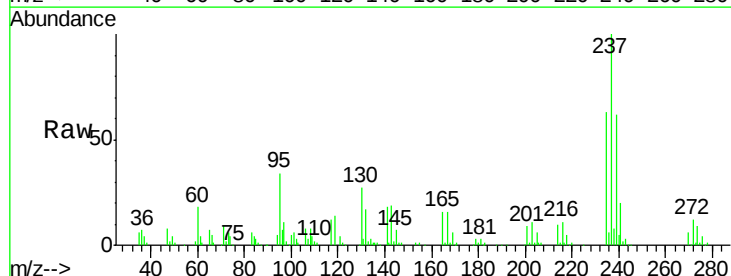
Tgt Ion:237 Resp: 237386

Ion Ratio Lower Upper

237 100

235 63.0 43.4 83.4

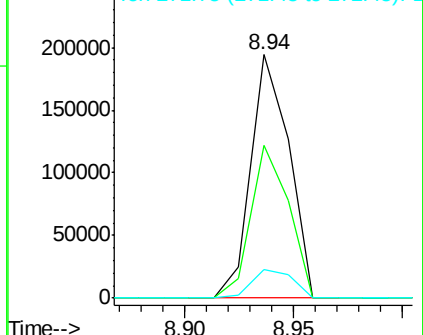
272 11.5 0.0 32.3

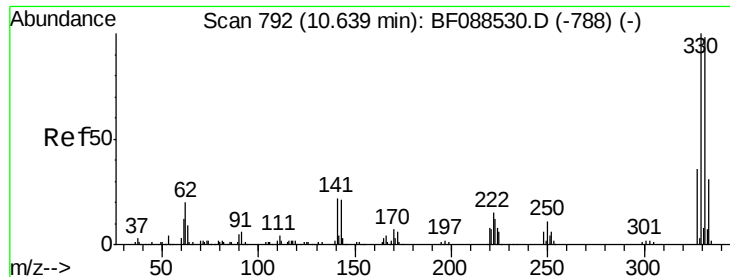


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

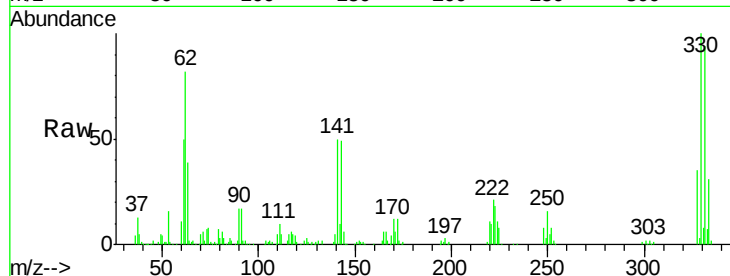




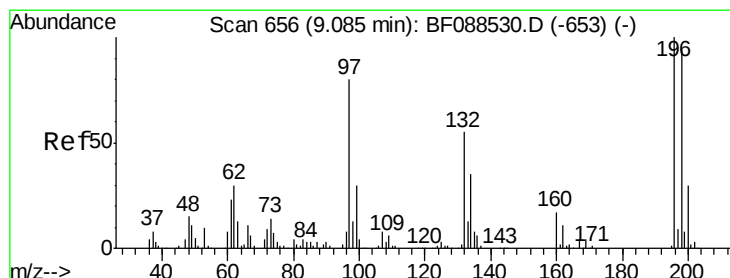
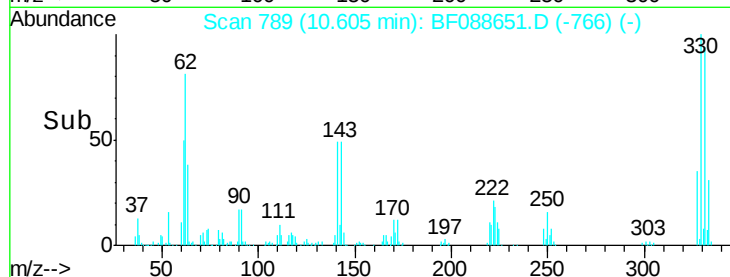
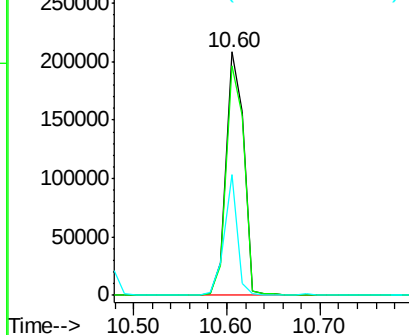
#41
 2,4,6-Tribromophenol
 Concen: 145.80 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 276633
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 36.4 0.0 0.0#

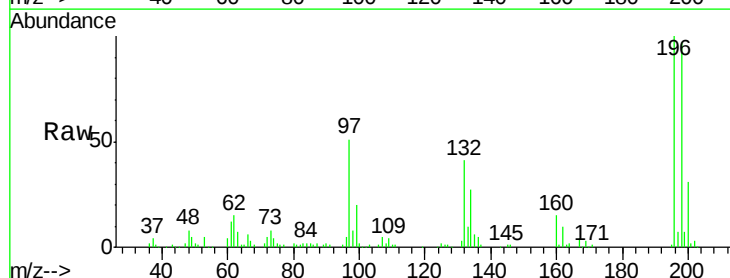


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

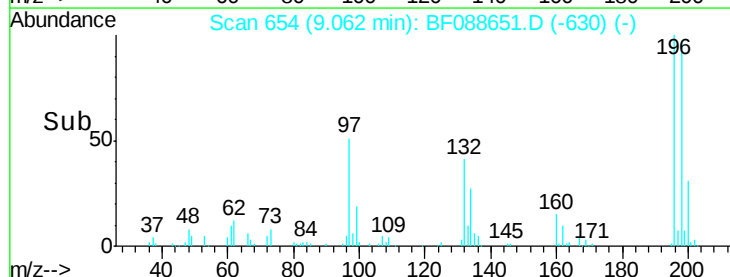
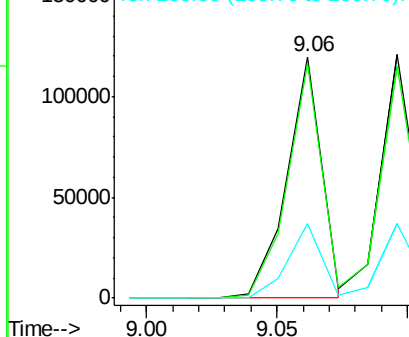


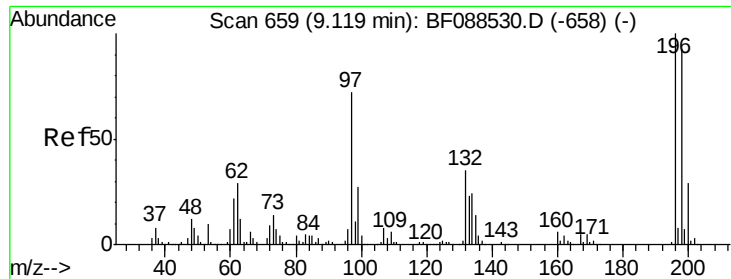
#42
 2,4,6-Trichlorophenol
 Concen: 24.72 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:196 Resp: 110742
 Ion Ratio Lower Upper
 196 100
 198 96.9 78.0 117.0
 200 31.1 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

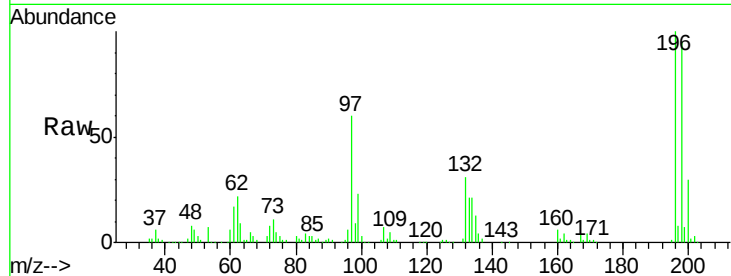




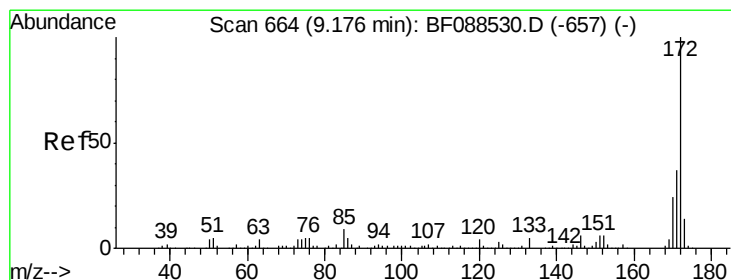
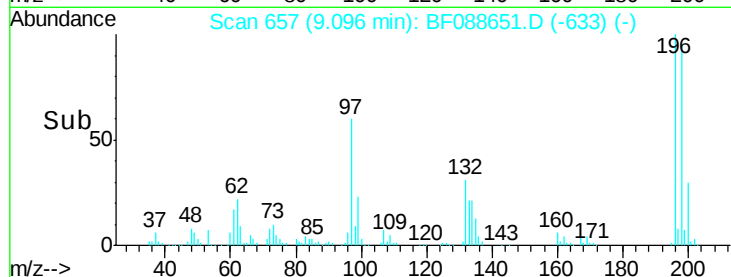
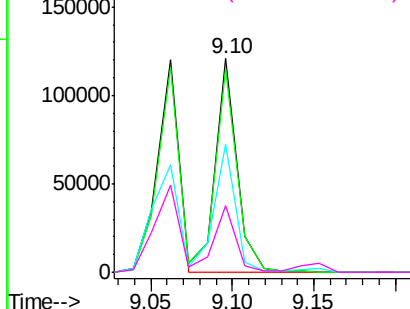
#43
 2,4,5-Trichlorophenol
 Concen: 28.62 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	77.5	116.3
97	60.1	32.0	48.0#
132	31.3	20.9	31.3#

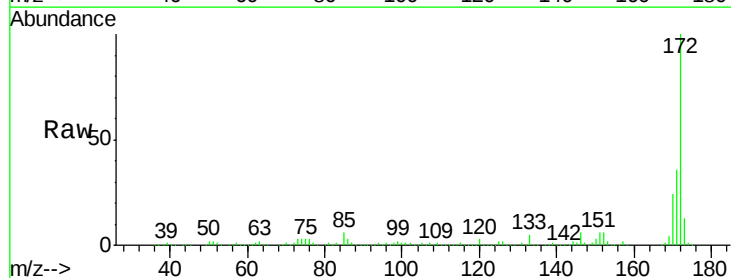


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

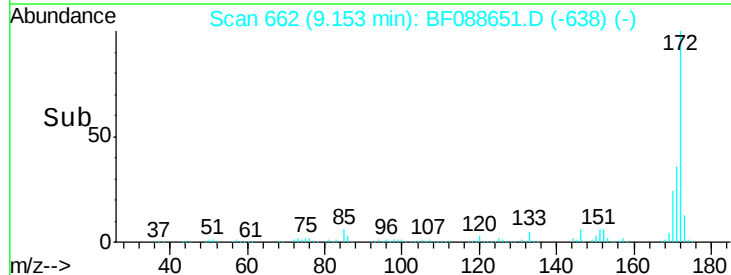
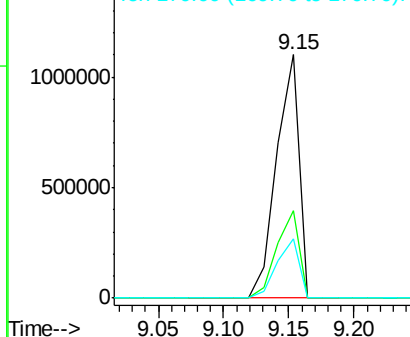


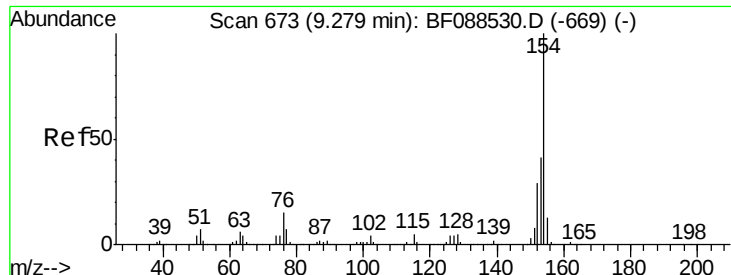
#44
 2-Fluorobiphenyl
 Concen: 103.45 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	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: 24.92 ng

RT: 9.24 min Scan# 670

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

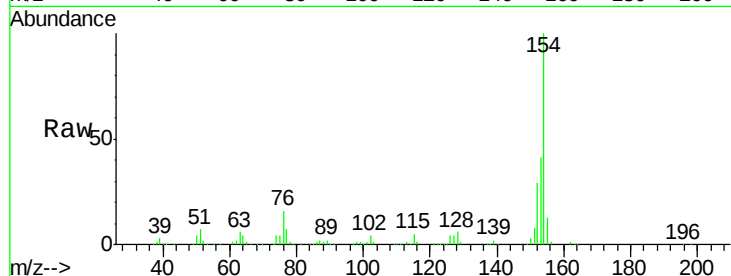
Tot Ion:154 Resp: 421582

Ion Ratio Lower Upper

154 100

153 41.0 20.6 60.6

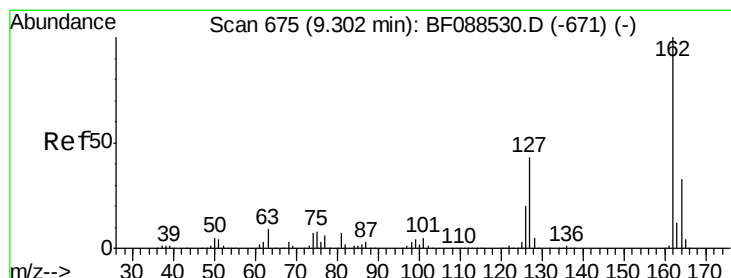
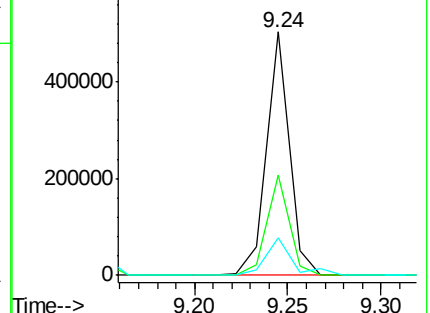
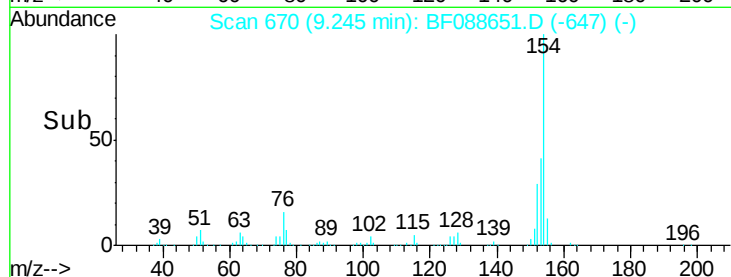
76 15.6 0.0 35.1



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: 24.78 ng

RT: 9.27 min Scan# 672

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

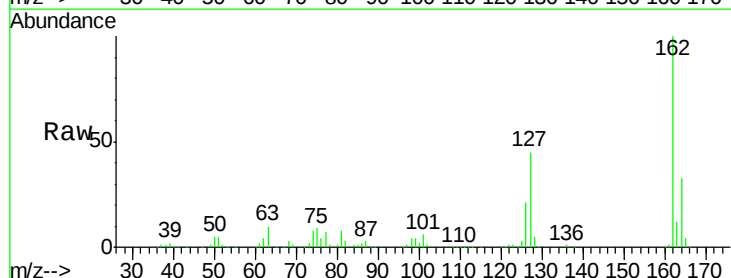
Tgt Ion:162 Resp: 329171

Ion Ratio Lower Upper

162 100

127 45.1 35.2 52.8

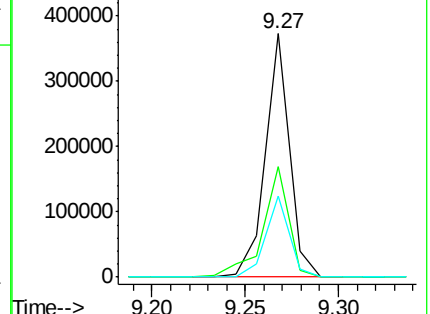
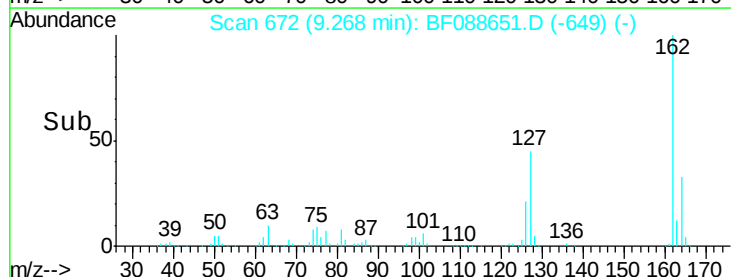
164 33.3 26.6 39.8

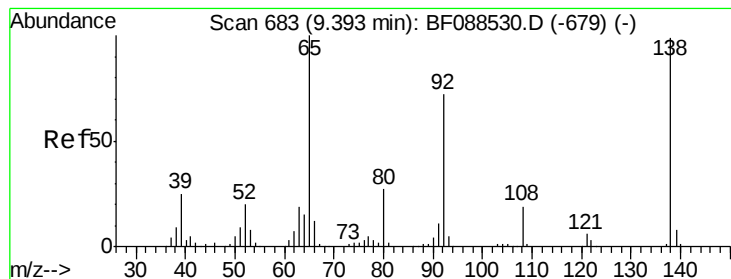


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

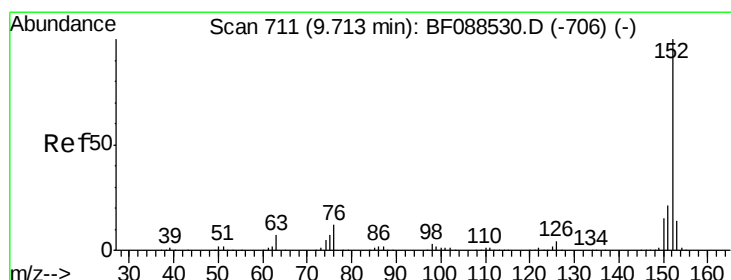
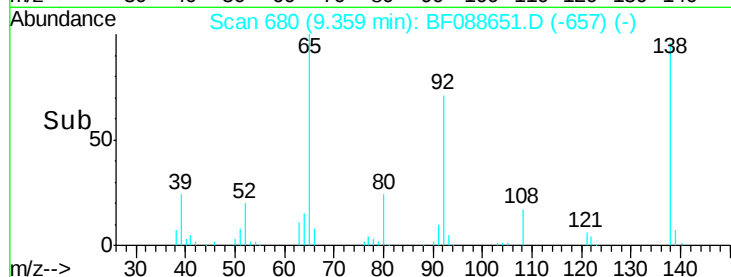
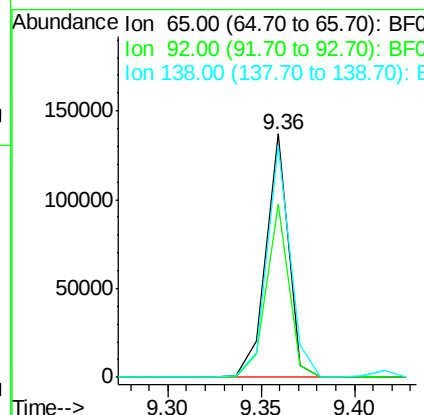
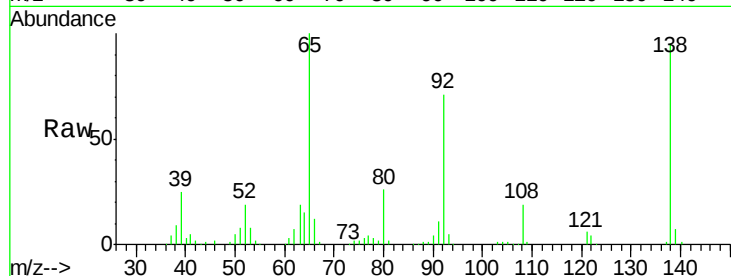




#47
 2-Nitroaniline
 Concen: 24.09 ng
 RT: 9.36 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

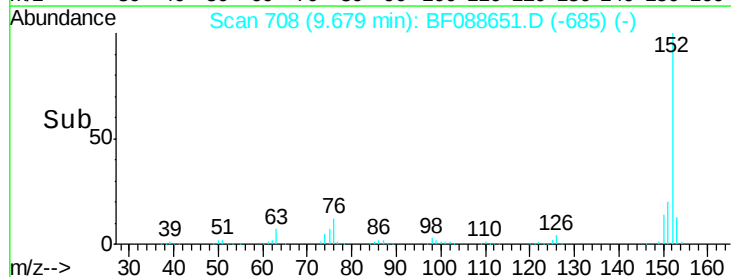
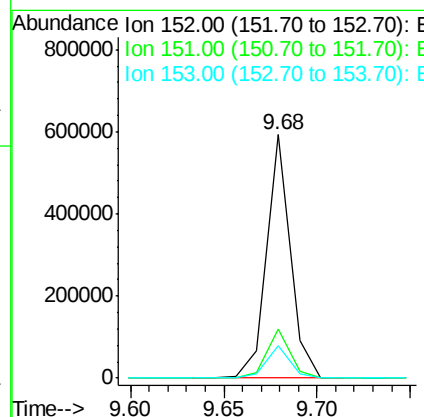
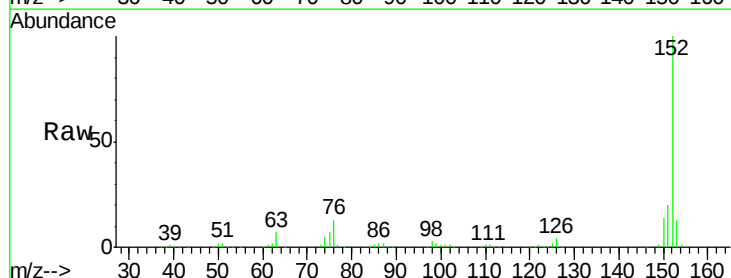
Instrument :
 BNA_F
 ClientSampleId :

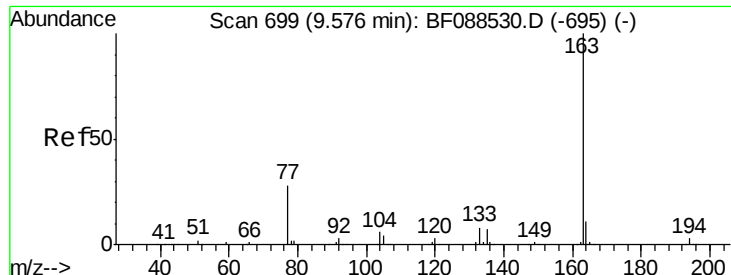
Tot Ion: 65 Resp: 113536
 Ion Ratio Lower Upper
 65 100
 92 70.9 54.6 82.0
 138 95.4 77.0 115.4



#48
 Acenaphthylene
 Concen: 24.55 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion: 152 Resp: 518775
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.2 24.4
 153 13.4 11.0 16.6





#49

Dimethylphthalate

Concen: 38.31 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

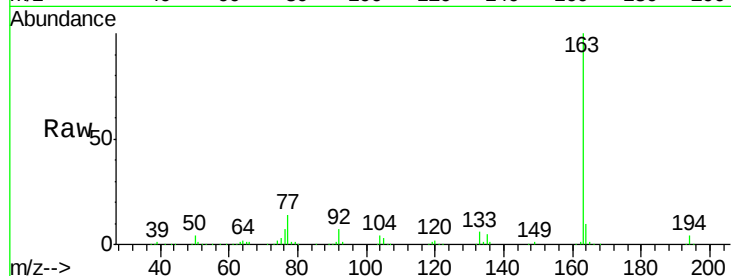
Tot Ion:163 Resp: 557727

Ion Ratio Lower Upper

163 100

194 3.9 2.8 4.2

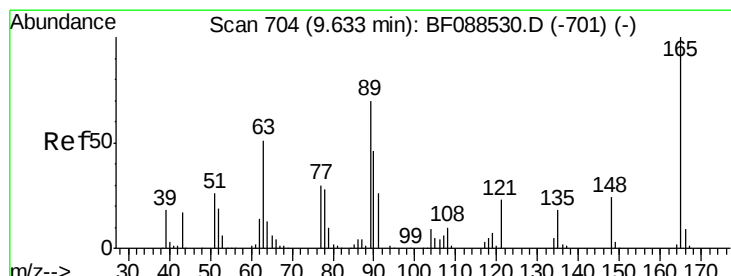
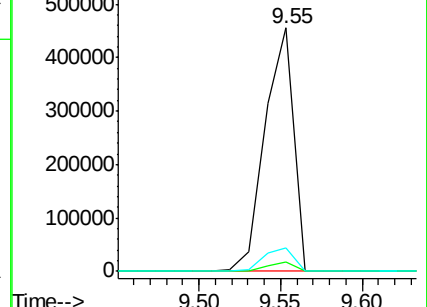
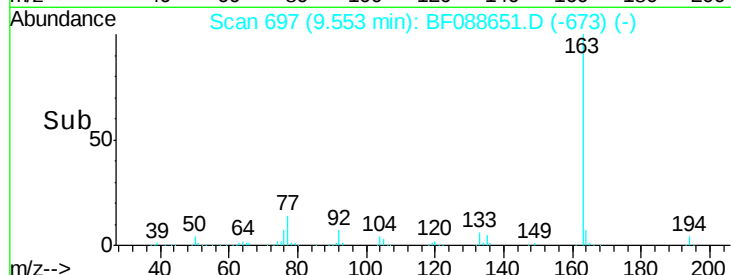
164 9.6 8.3 12.5



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: 27.93 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

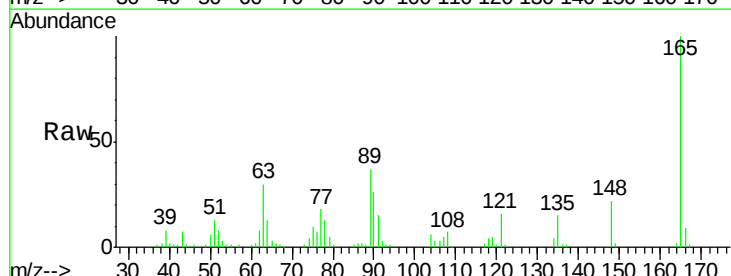
Tgt Ion:165 Resp: 90096

Ion Ratio Lower Upper

165 100

63 29.8 28.1 42.1

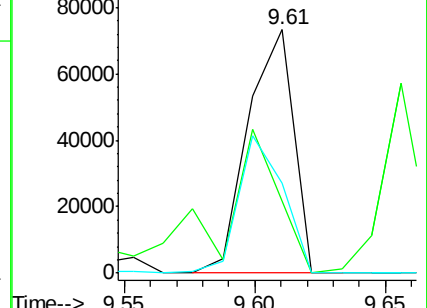
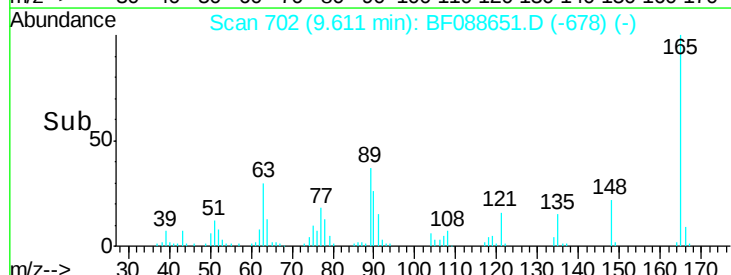
89 36.9 32.2 48.2

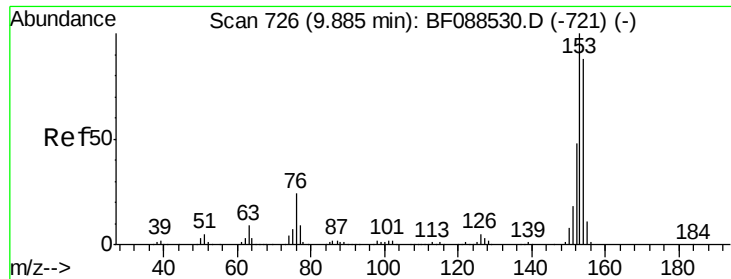


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 27.21 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

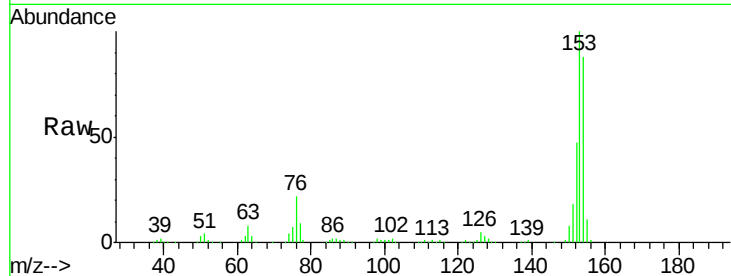
Tot Ion:154 Resp: 352513

Ion Ratio Lower Upper

154 100

153 114.0 89.5 134.3

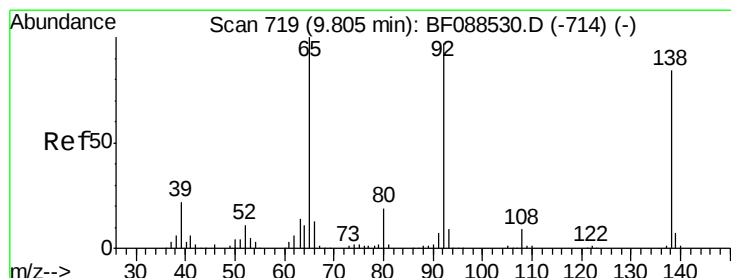
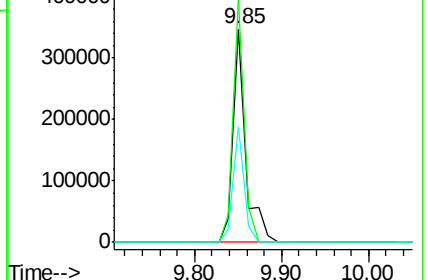
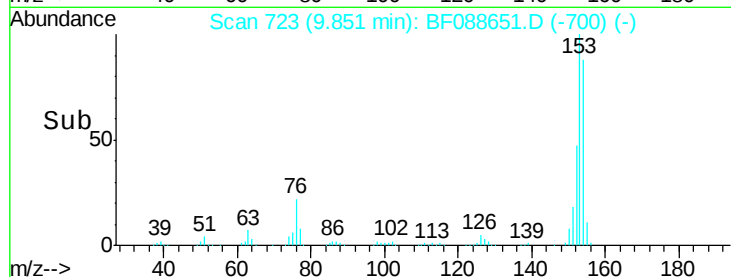
152 54.0 42.7 64.1



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: 19.82 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

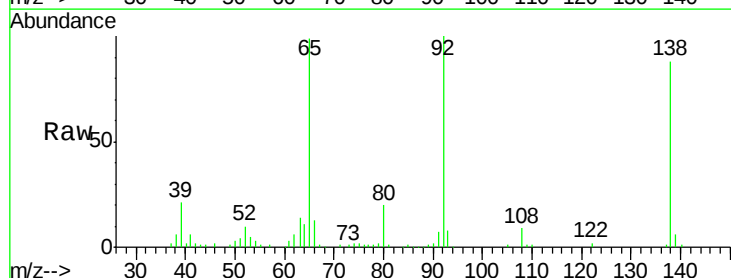
Tgt Ion:138 Resp: 81268

Ion Ratio Lower Upper

138 100

108 10.3 8.5 12.7

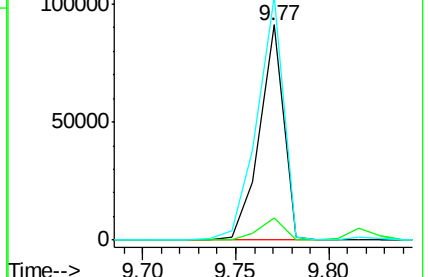
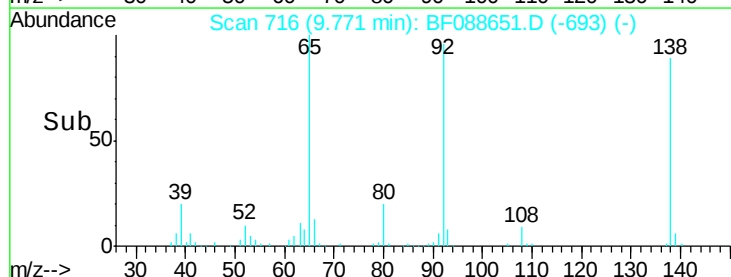
92 113.1 95.7 143.5

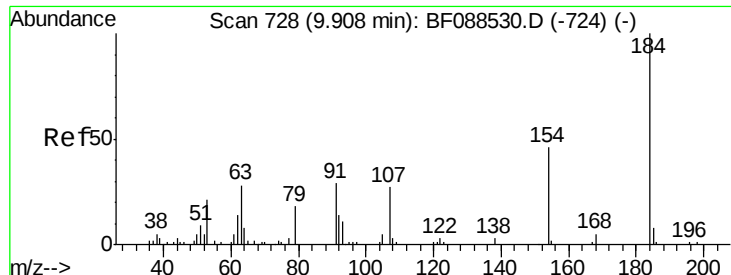


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

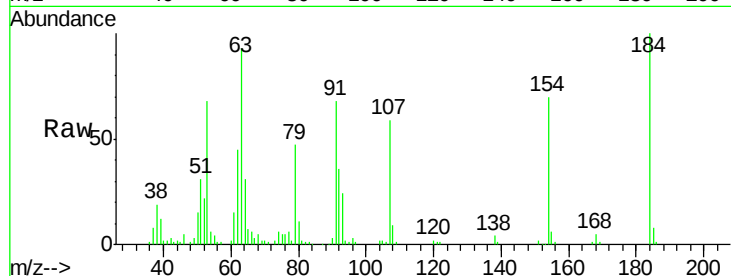




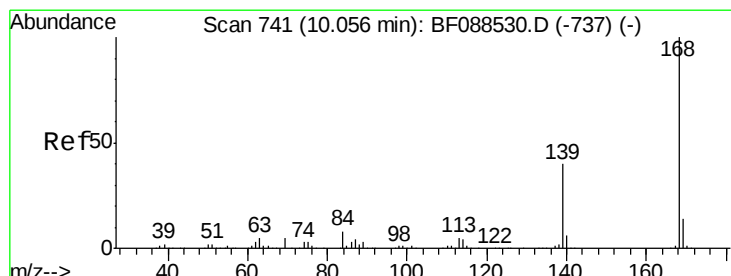
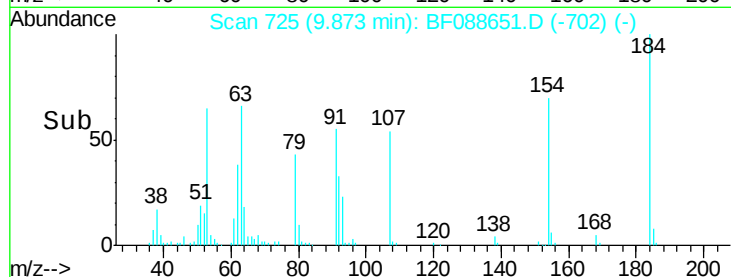
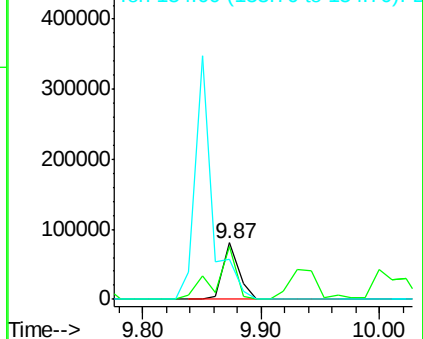
#53
2,4-Dinitrophenol
Concen: 53.55 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 76286
Ion Ratio Lower Upper
184 100
63 93.2 57.6 86.4#
154 70.3 53.5 80.3

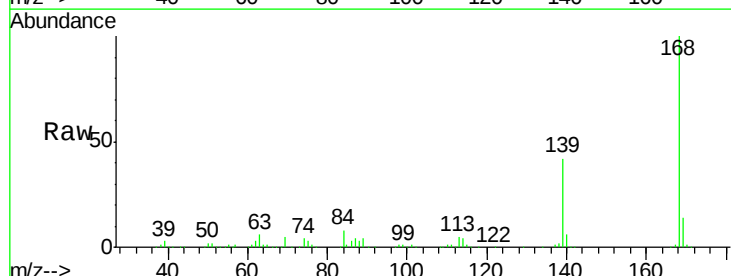


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

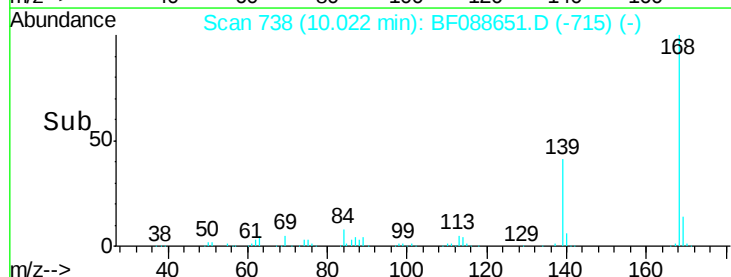
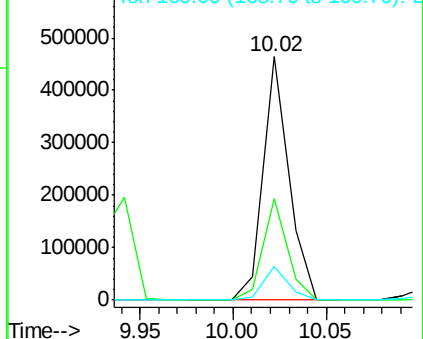


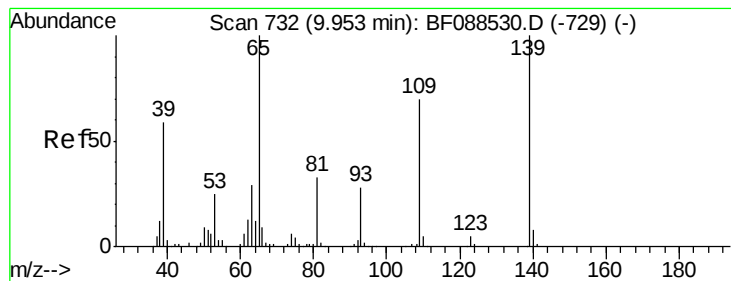
#54
Dibenzofuran
Concen: 25.97 ng
RT: 10.02 min Scan# 738
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:168 Resp: 440286
Ion Ratio Lower Upper
168 100
139 41.7 26.4 39.6#
169 13.7 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: 81.31 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampled :

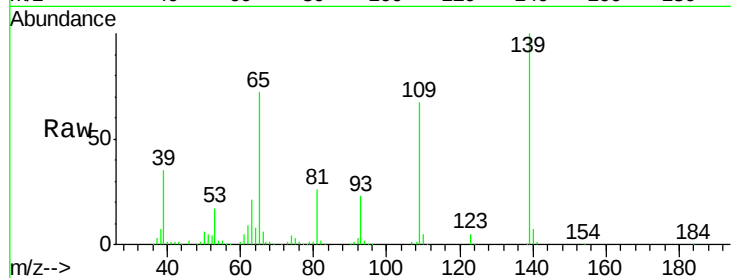
Tot Ion:139 Resp: 253400

Ion Ratio Lower Upper

139 100

109 66.9 48.9 88.9

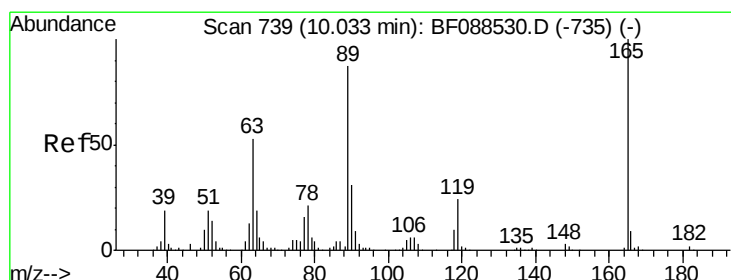
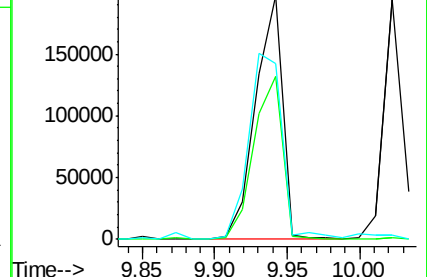
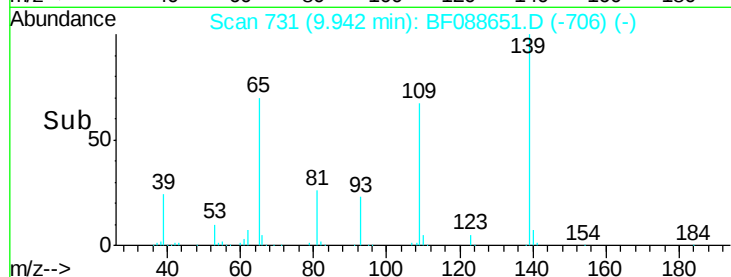
65 72.1 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 28.73 ng

RT: 10.01 min Scan# 737

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Tgt Ion:165 Resp: 121169

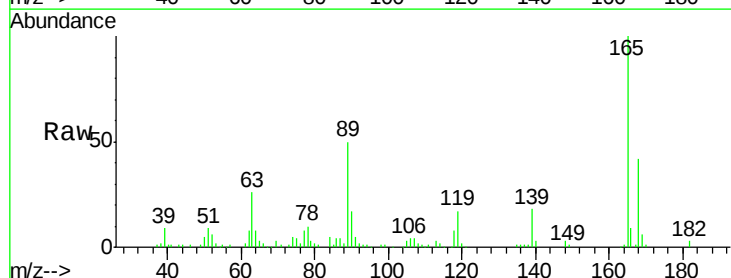
Ion Ratio Lower Upper

165 100

63 26.2 22.0 33.0

89 49.9 41.1 61.7

182 2.6 2.0 3.0

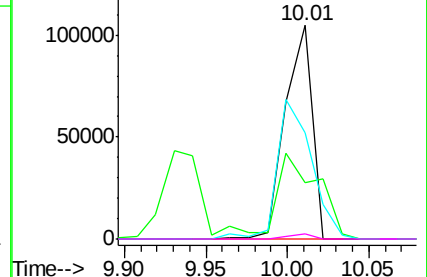
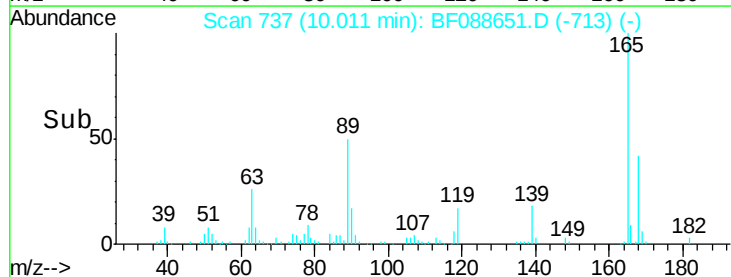


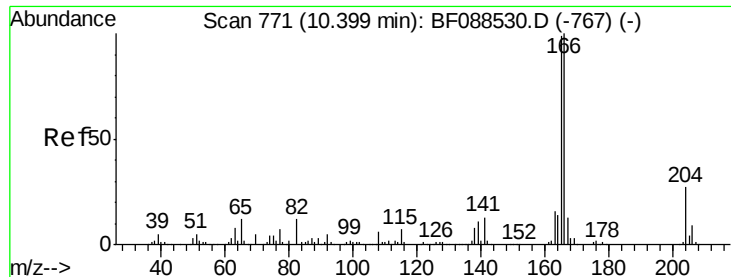
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 27.32 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

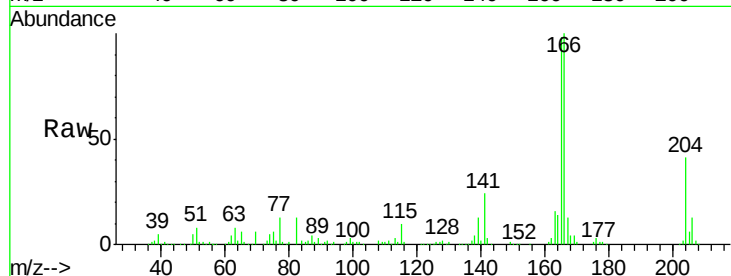
Tot Ion:166 Resp: 356951

Ion Ratio Lower Upper

166 100

165 98.5 77.8 116.8

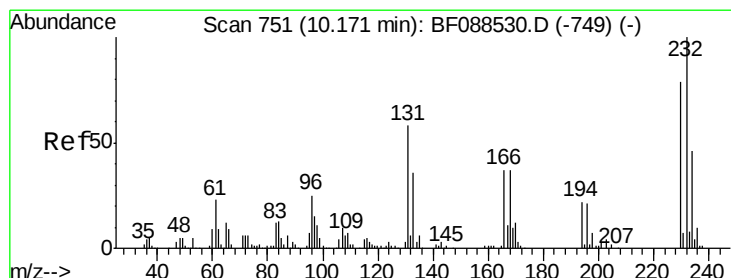
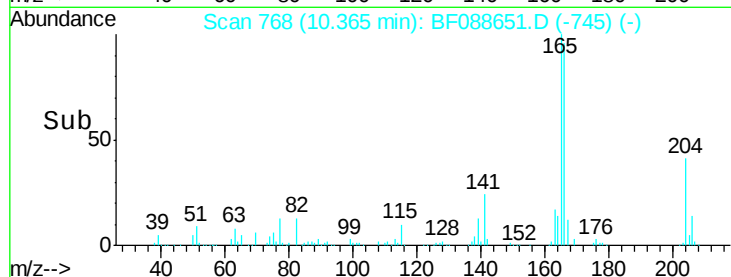
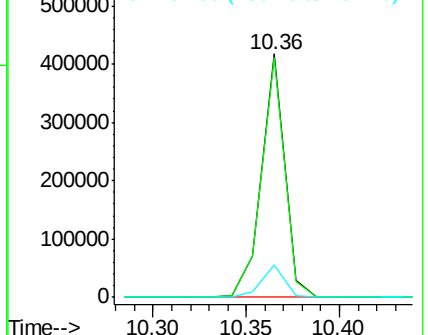
167 13.4 11.2 16.8



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: 28.03 ng

RT: 10.15 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Tgt Ion:232 Resp: 83601

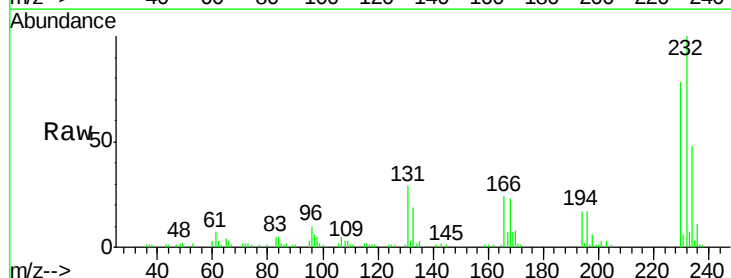
Ion Ratio Lower Upper

232 100

131 53.0 0.9 1.3#

130 2.5 1.5 2.3#

166 34.3 0.5 0.7#

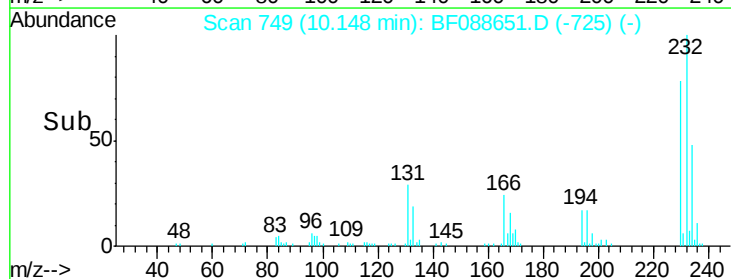
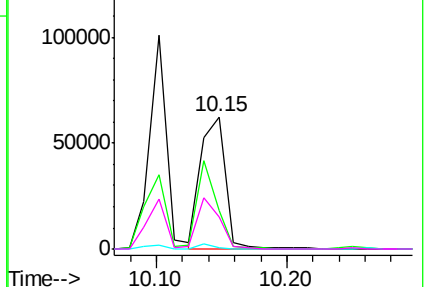


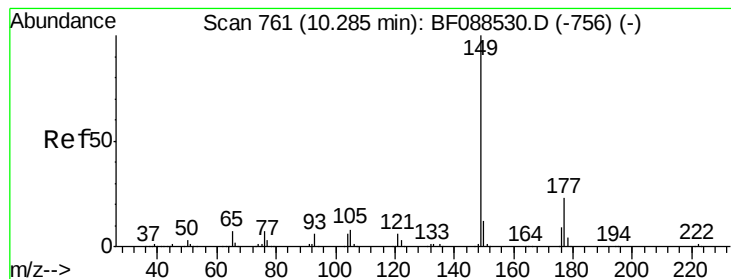
Abundance Ion 232.00 (231.70 to 232.70): E

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: 28.86 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

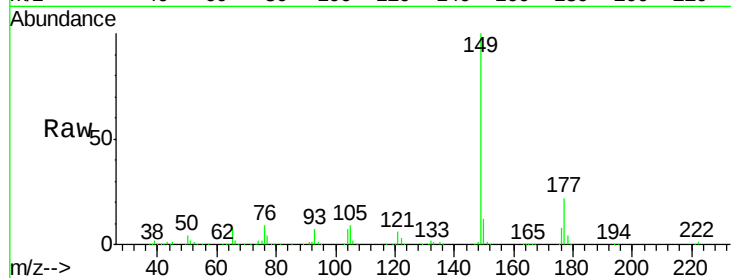
Tot Ion:149 Resp: 421560

Ion Ratio Lower Upper

149 100

177 21.6 16.9 25.3

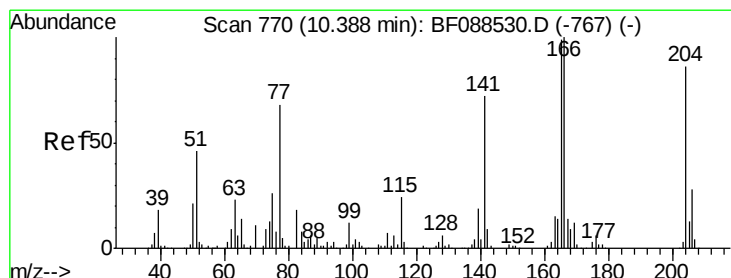
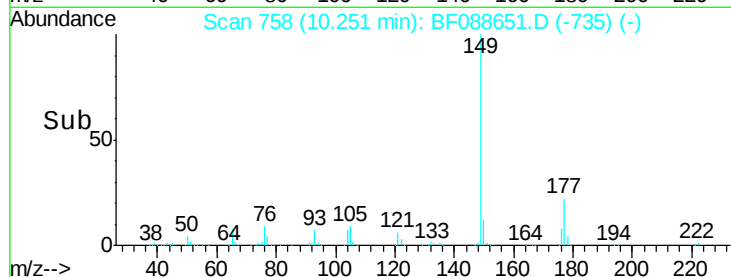
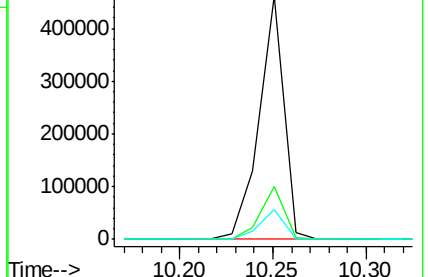
150 12.2 10.1 15.1



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: 26.65 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

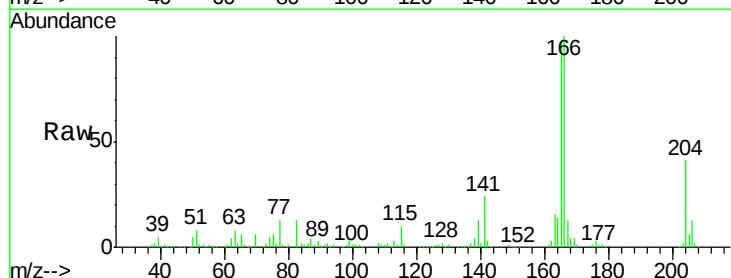
Tgt Ion:204 Resp: 161789

Ion Ratio Lower Upper

204 100

206 33.0 26.3 39.5

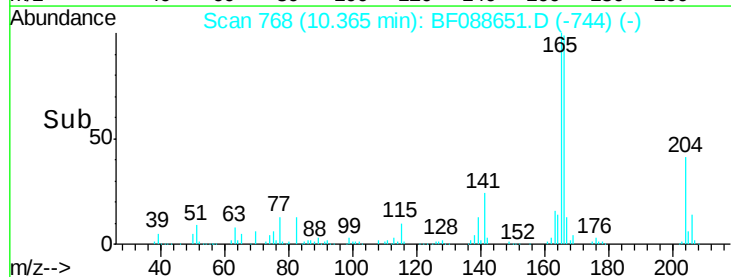
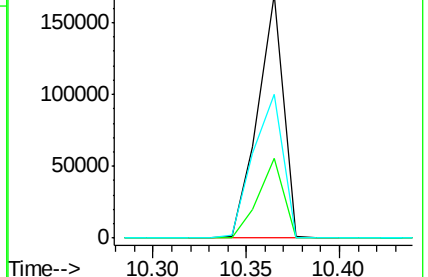
141 58.8 55.0 82.6

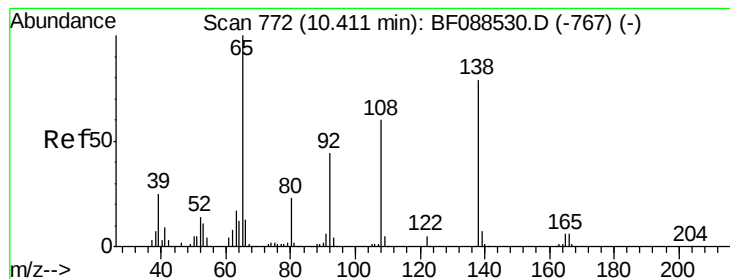


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 20.45 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

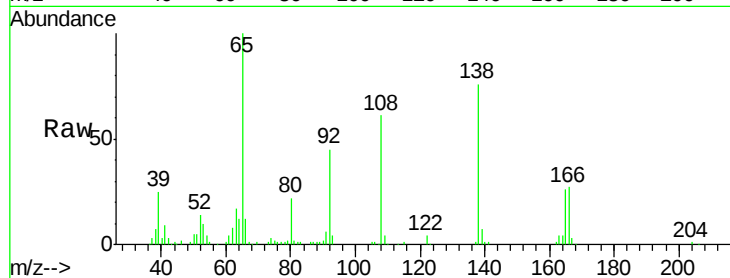
Tot Ion:138 Resp: 80701

Ion Ratio Lower Upper

138 100

92 59.2 27.3 67.3

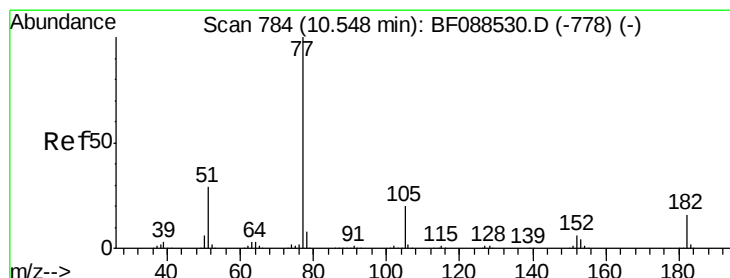
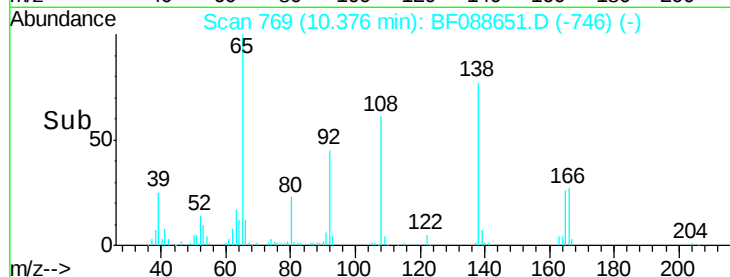
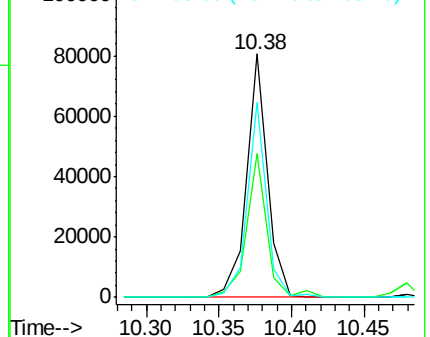
108 79.9 46.7 86.7



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.05 ng

RT: 10.52 min Scan# 782

Delta R.T. -0.02 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Tgt Ion: 77 Resp: 467356

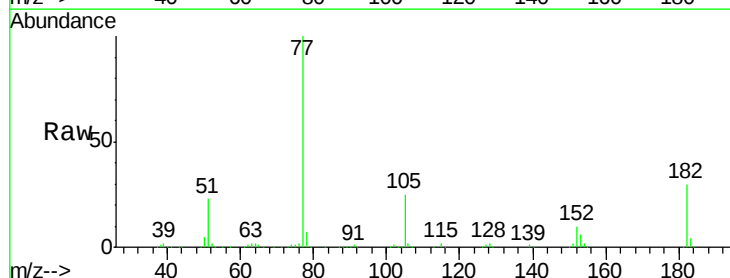
Ion Ratio Lower Upper

77 100

182 30.0 4.4 44.4

105 24.6 3.8 43.8

51 23.5 9.3 49.3

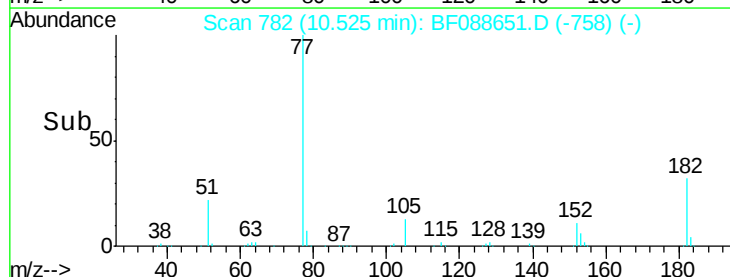
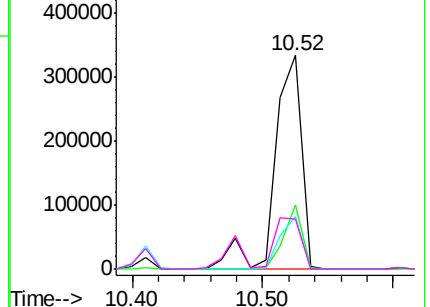


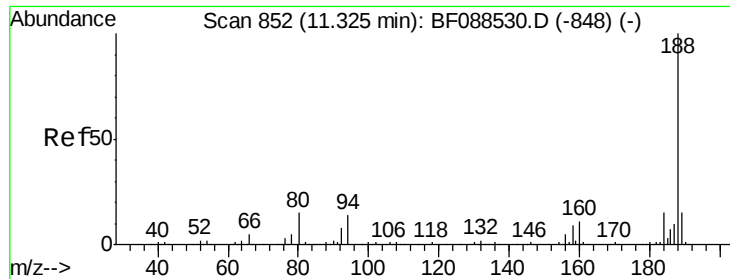
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

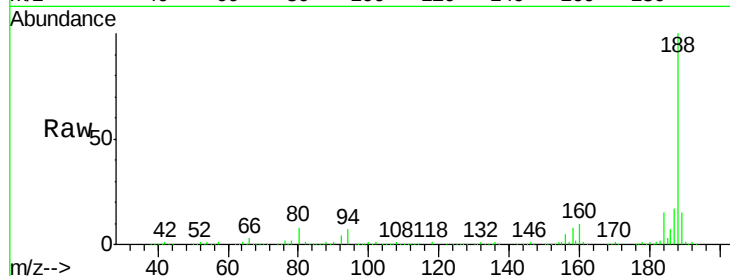




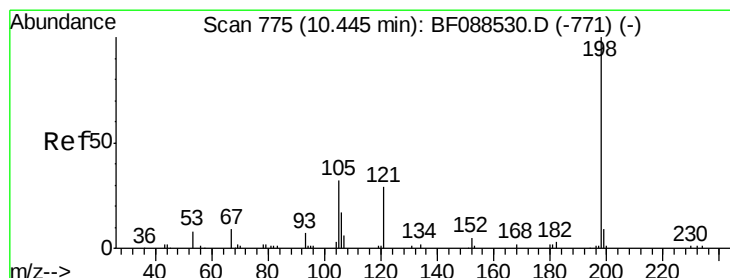
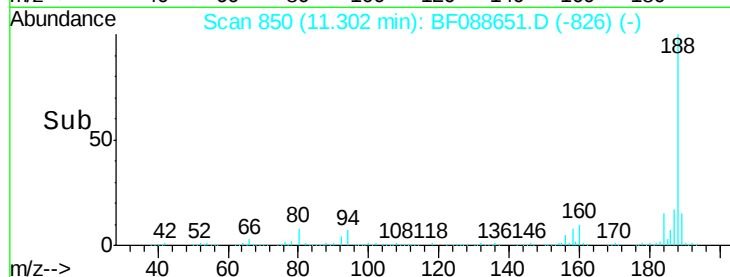
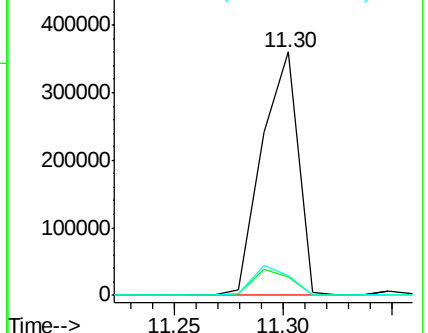
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleID :

Tot Ion:188 Resp: 422082
Ion Ratio Lower Upper
188 100
94 7.4 9.0 13.6#
80 8.2 10.0 15.0#

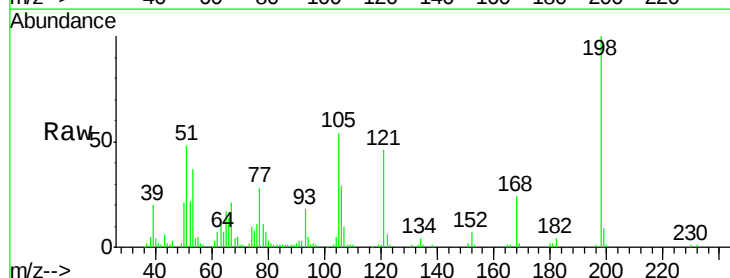


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

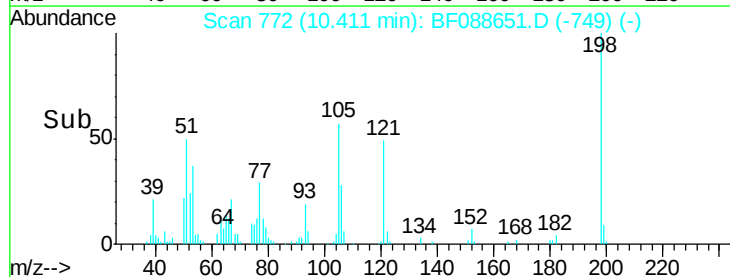
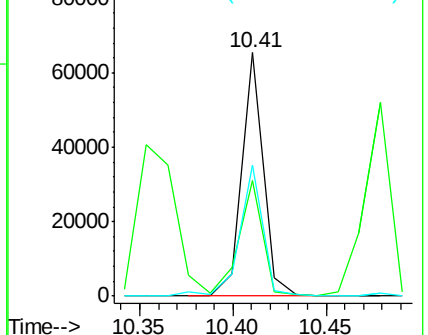


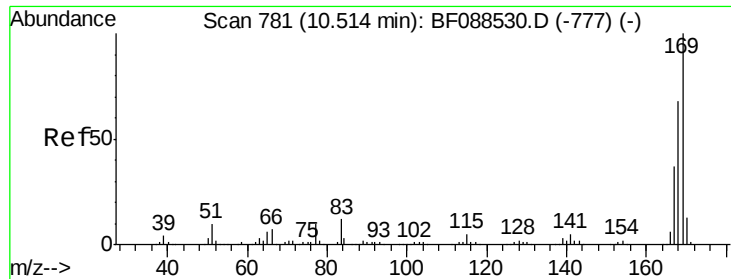
#64
4,6-Dinitro-2-methylphenol
Concen: 23.34 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:198 Resp: 52688
Ion Ratio Lower Upper
198 100
51 47.6 39.6 79.6
105 53.6 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

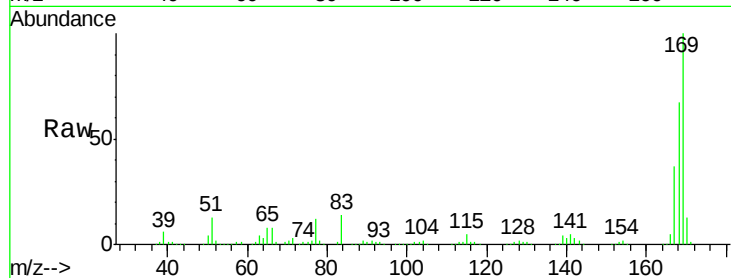




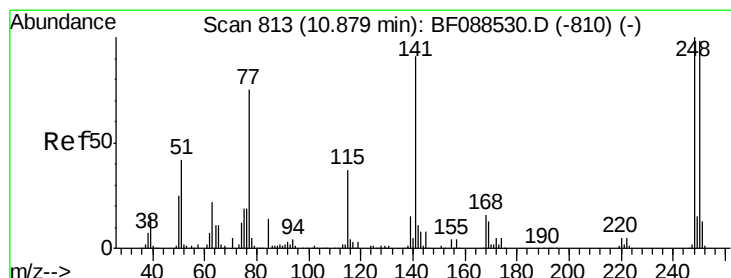
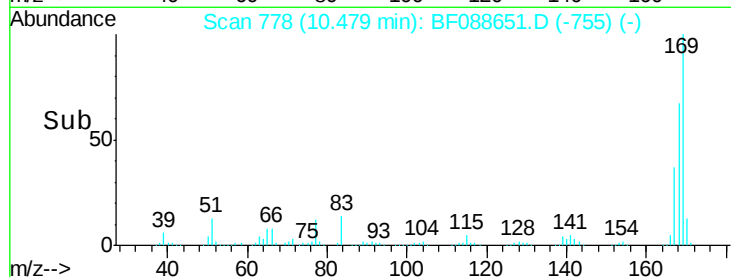
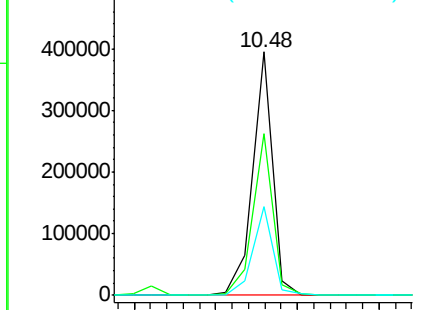
#65
 n-Nitrosodiphenylamine
 Concen: 23.39 ng
 RT: 10.48 min Scan# 778
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:169 Resp: 334147
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.4 80.0
 167 36.6 29.4 44.0

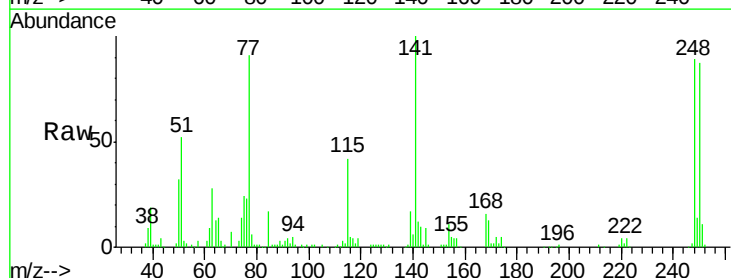


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

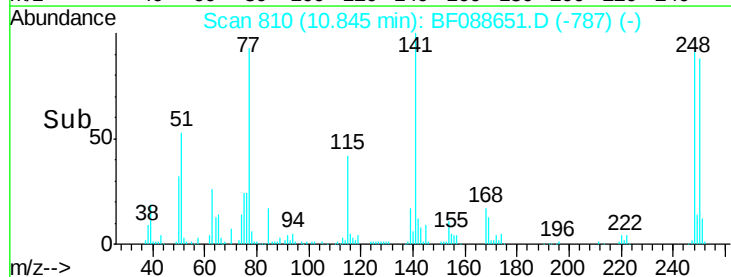
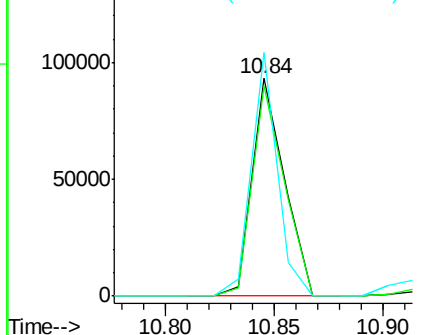


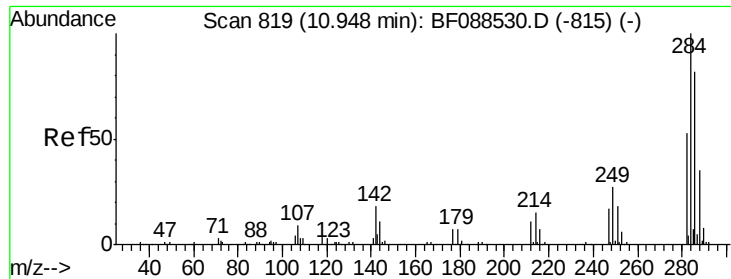
#66
 4-Bromophenyl-phenylether
 Concen: 22.41 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:248 Resp: 95338
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.1 115.7
 141 111.9 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

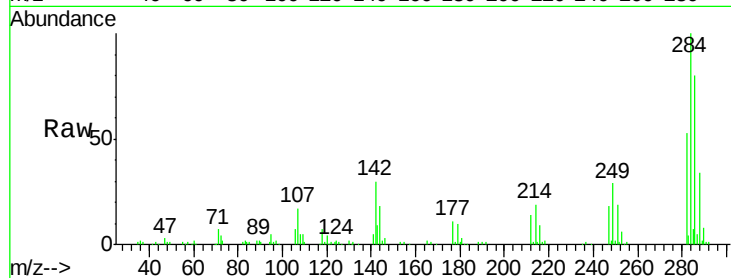




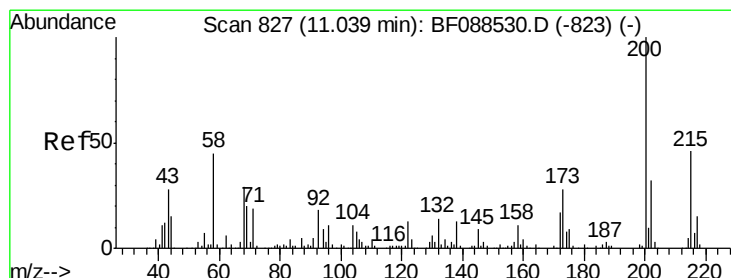
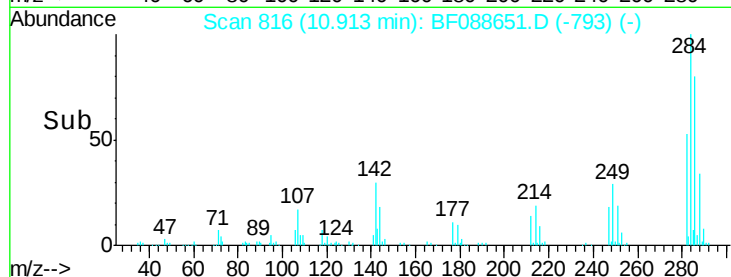
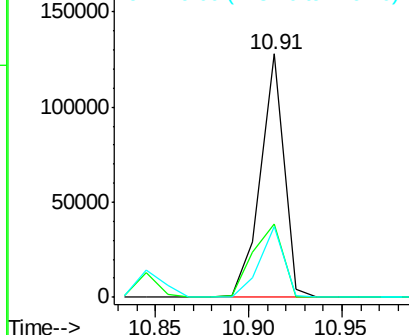
#67
Hexachlorobenzene
Concen: 23.69 ng
RT: 10.91 min Scan# 816
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 111553
Ion Ratio Lower Upper
284 100
142 30.1 35.8 53.8#
249 29.3 25.8 38.6

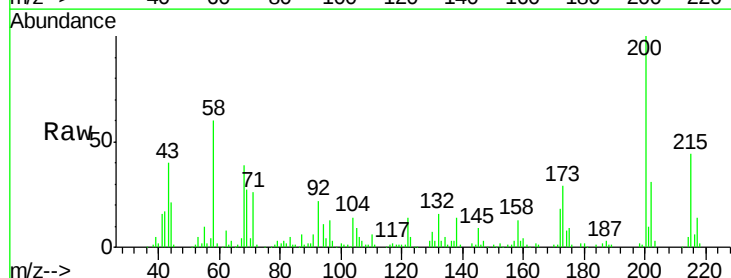


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

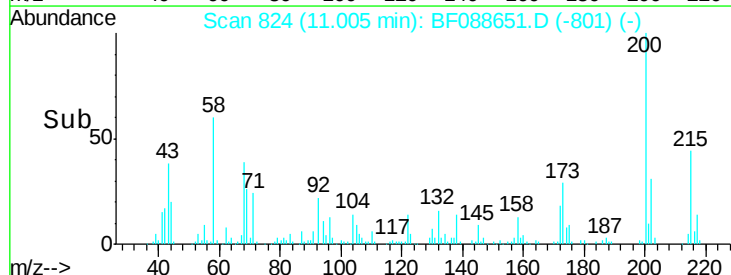
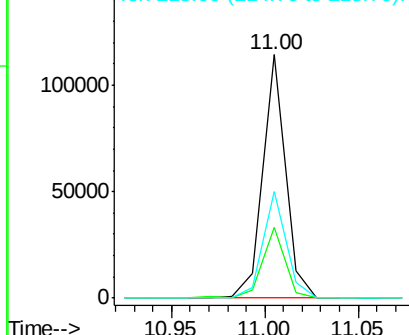


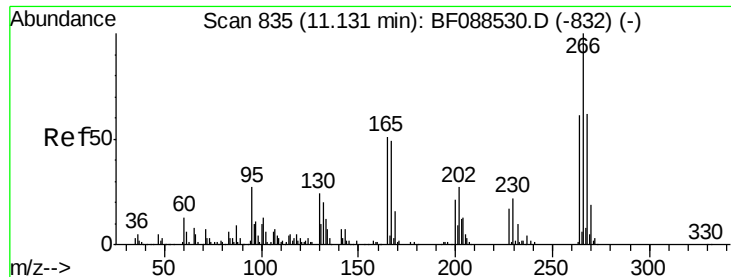
#68
Atrazine
Concen: 21.50 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:200 Resp: 95693
Ion Ratio Lower Upper
200 100
173 28.9 4.0 44.0
215 43.8 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

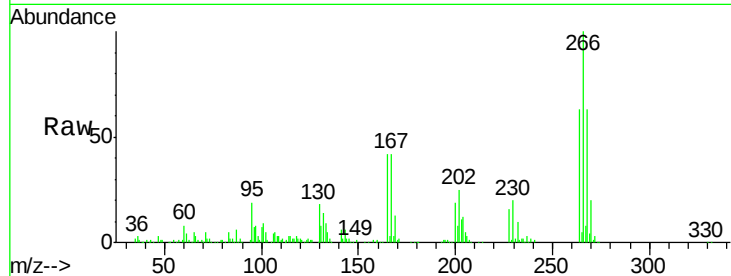




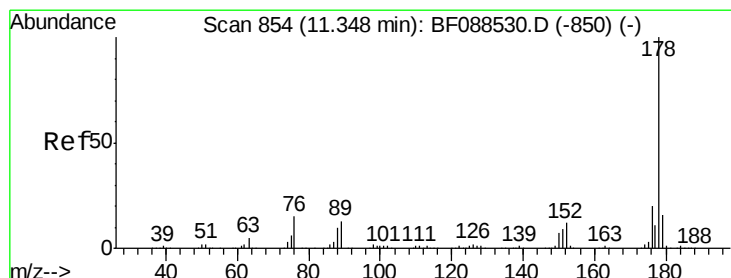
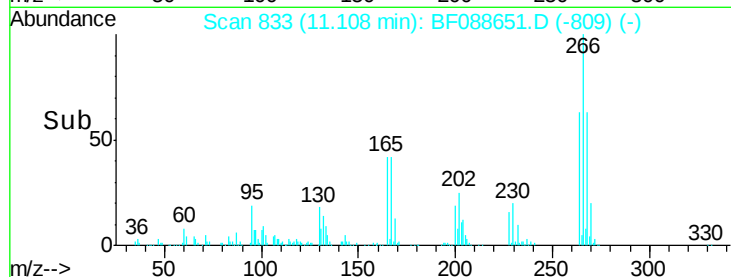
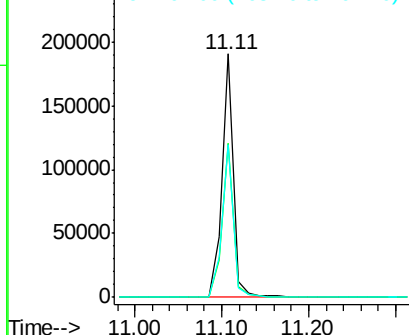
#69
 Pentachlorophenol
 Concen: 63.78 ng
 RT: 11.11 min Scan# 833
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 177725
 Ion Ratio Lower Upper
 266 100
 268 63.3 52.8 79.2
 264 62.9 49.6 74.4

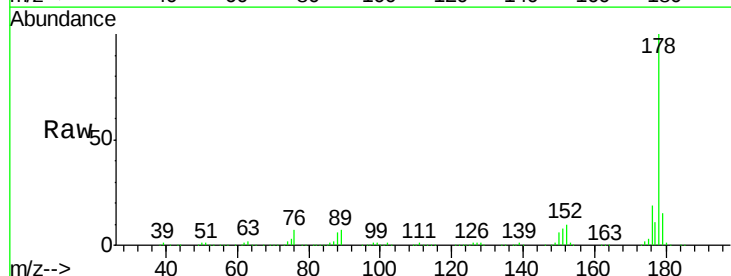


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

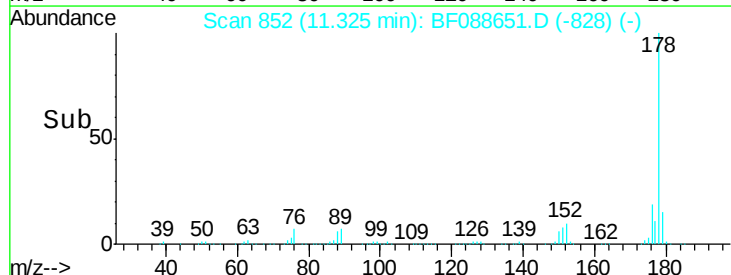
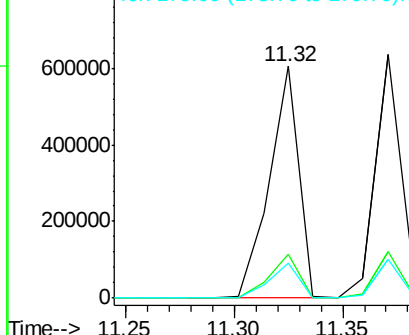


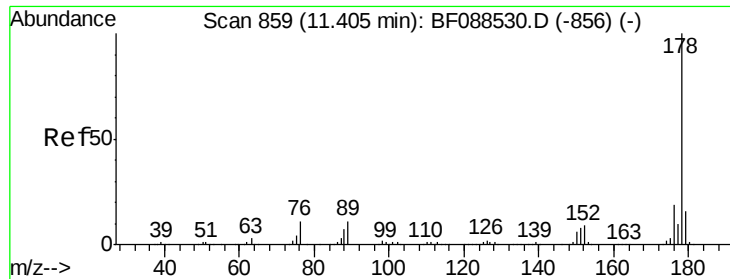
#70
 Phenanthrene
 Concen: 24.86 ng
 RT: 11.32 min Scan# 852
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:178 Resp: 573663
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.8 23.6
 179 15.0 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

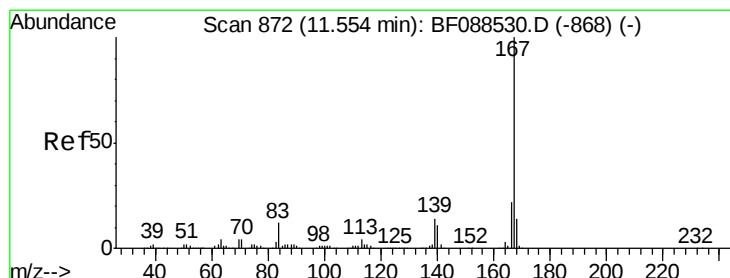
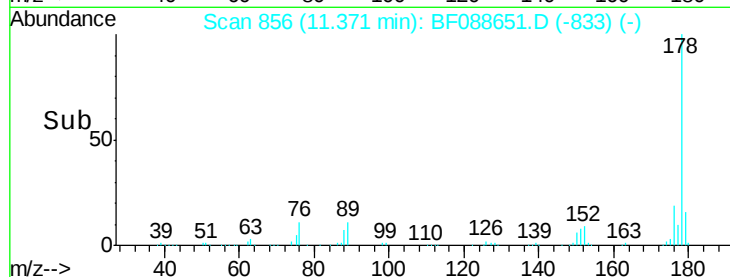
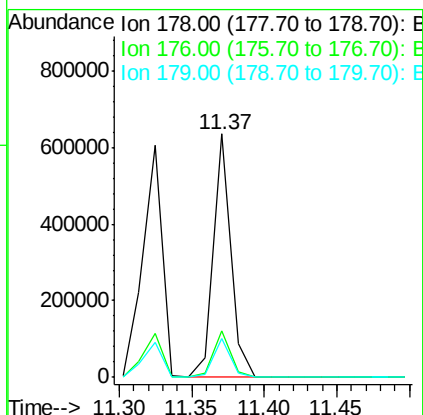
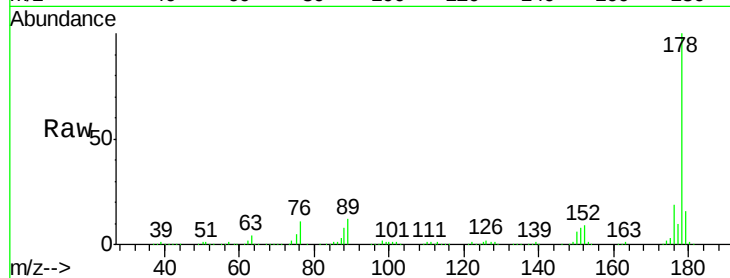




#71
 Anthracene
 Concen: 23.20 ng
 RT: 11.37 min Scan# 856
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

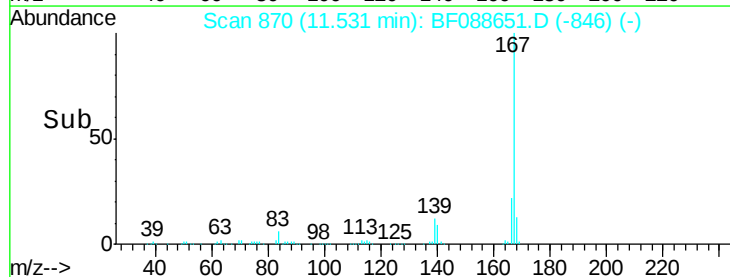
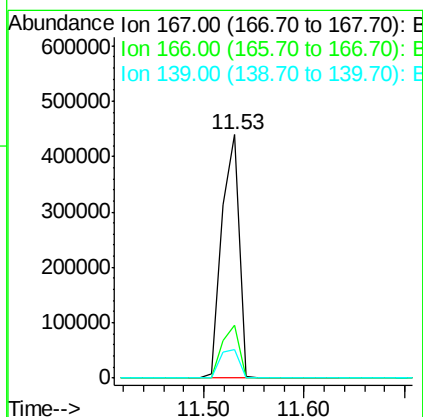
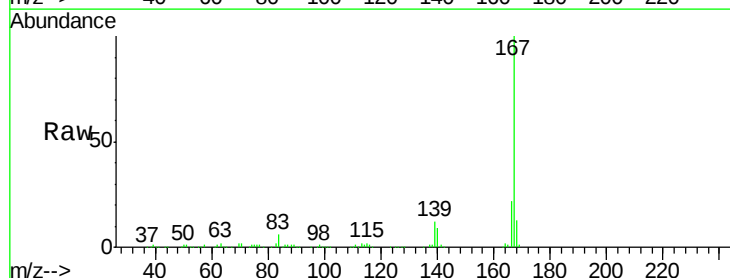
Instrument :
 BNA_F
 ClientSampleId :

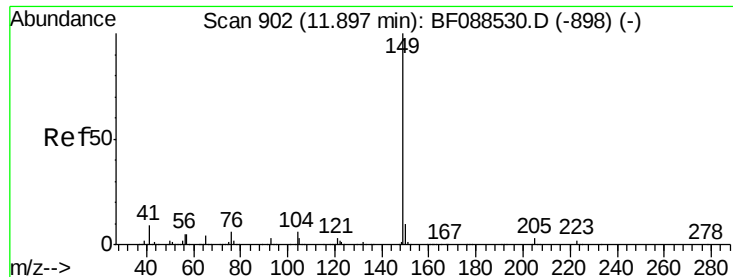
Tot Ion:178 Resp: 532284
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.6 23.4
 179 15.8 12.8 19.2



#72
 Carbazole
 Concen: 24.35 ng
 RT: 11.53 min Scan# 870
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:167 Resp: 525710
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 11.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 24.53 ng

RT: 11.86 min Scan# 899

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

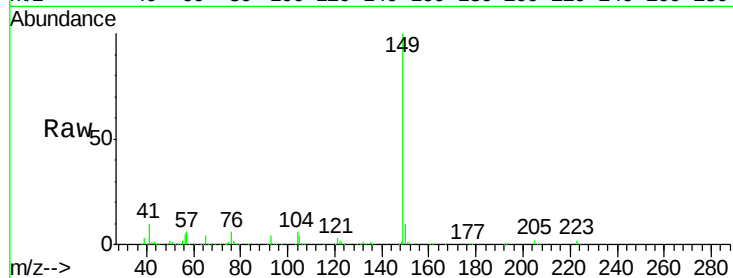
Tot Ion:149 Resp: 616103

Ion Ratio Lower Upper

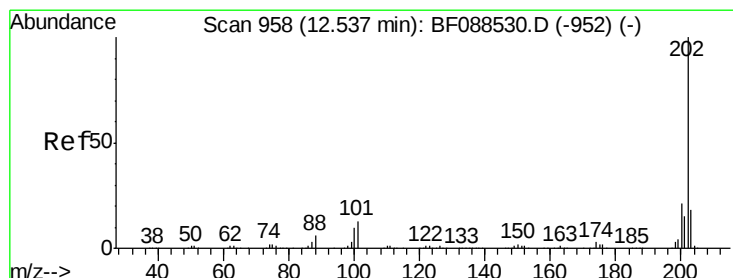
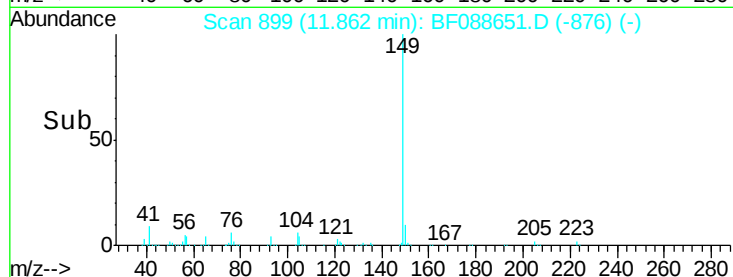
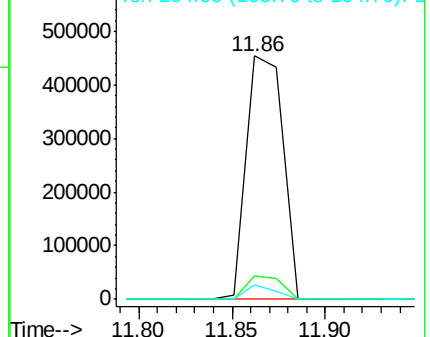
149 100

150 9.6 7.8 11.6

104 5.9 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: 23.95 ng

RT: 12.50 min Scan# 955

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

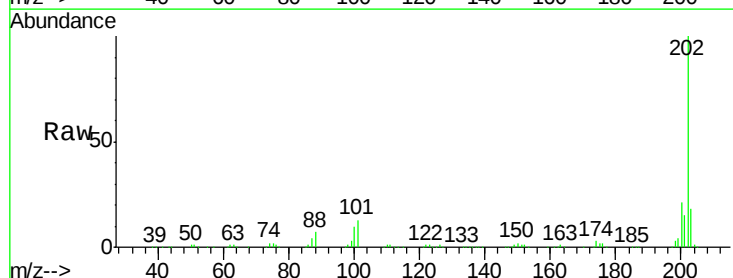
Tgt Ion:202 Resp: 560287

Ion Ratio Lower Upper

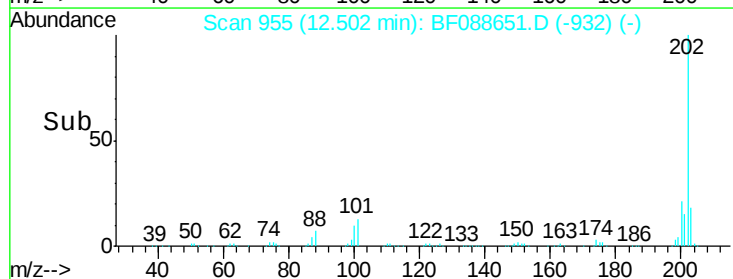
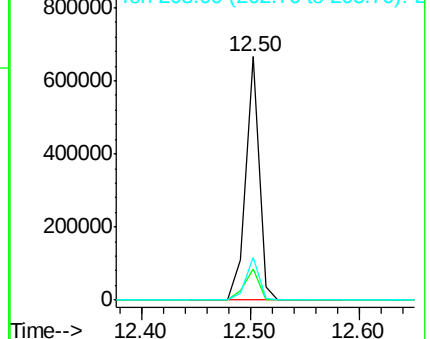
202 100

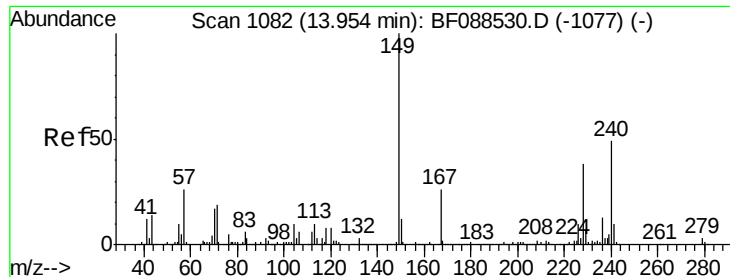
101 12.9 0.0 33.1

203 17.7 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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

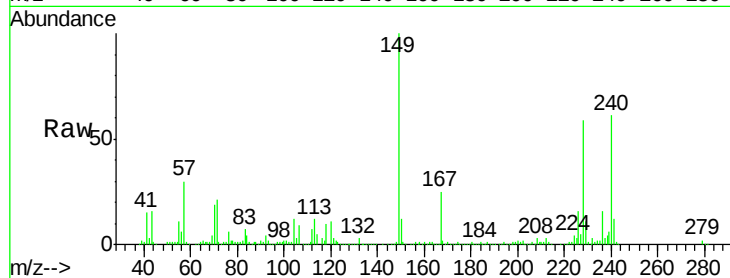
Tot Ion:240 Resp: 282983

Ion Ratio Lower Upper

240 100

120 17.8 6.8 10.2#

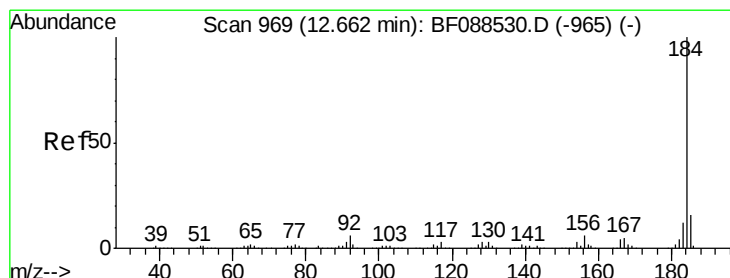
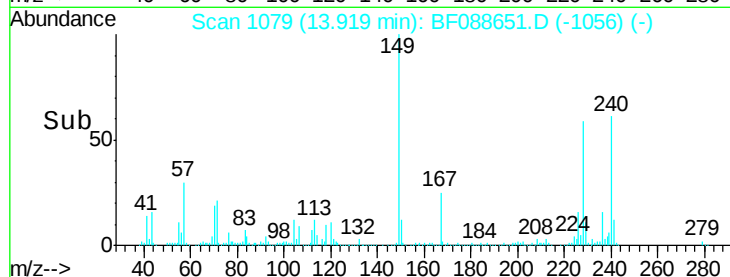
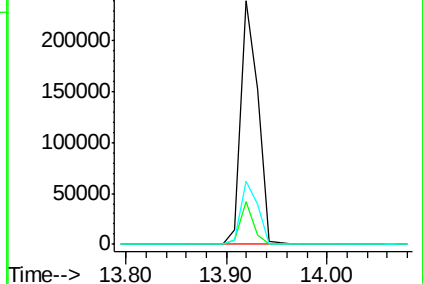
236 26.1 20.2 30.2



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: 3.13 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

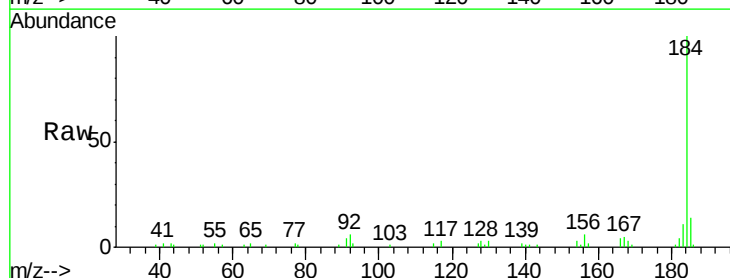
Tgt Ion:184 Resp: 44800

Ion Ratio Lower Upper

184 100

185 14.5 12.5 18.7

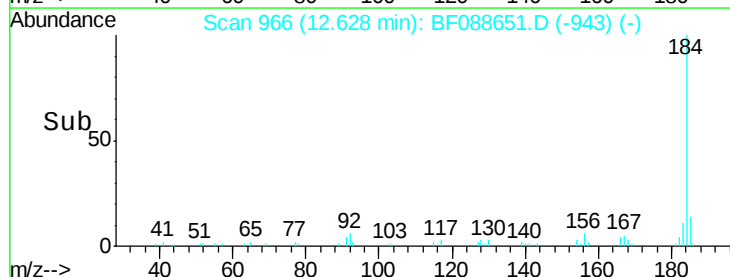
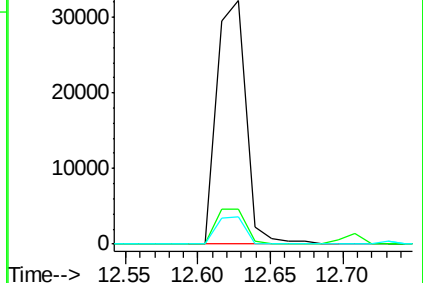
183 11.2 9.3 13.9

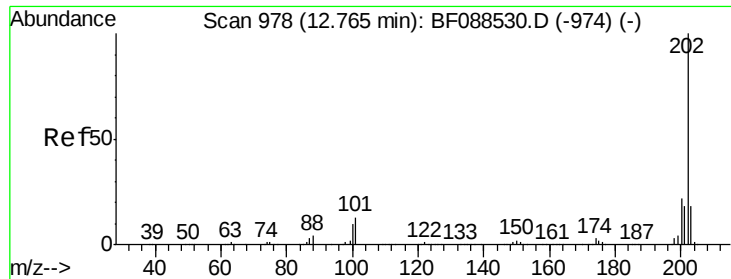


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

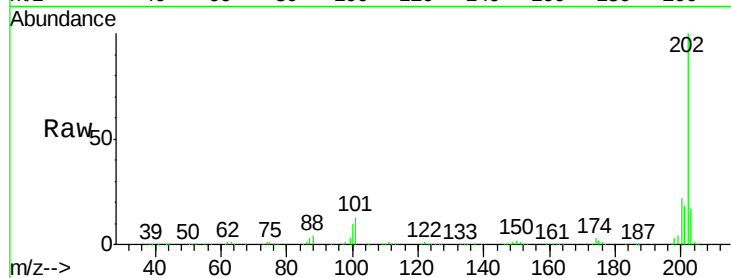




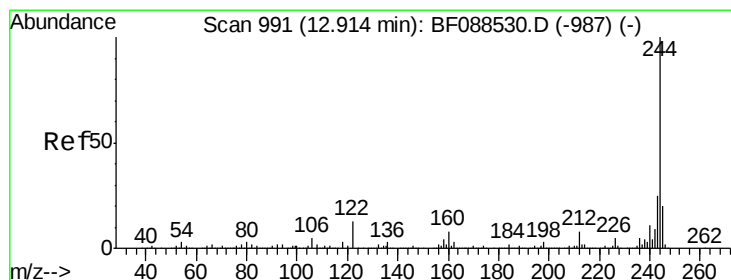
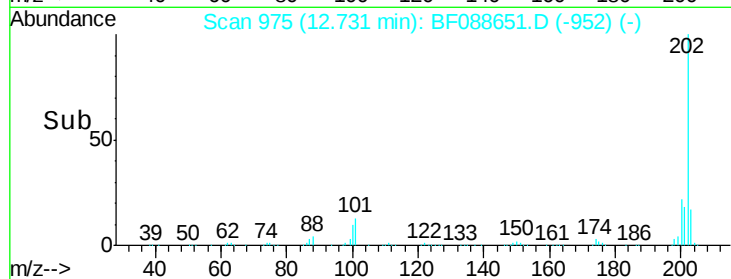
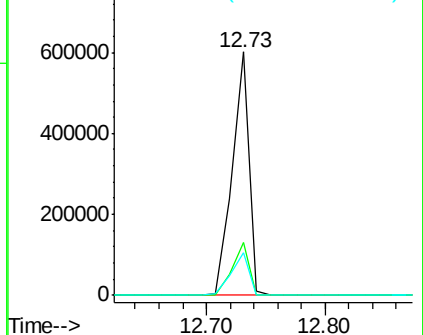
#77
Pvrene
Concen: 24.53 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 588676
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.5 14.5 21.7

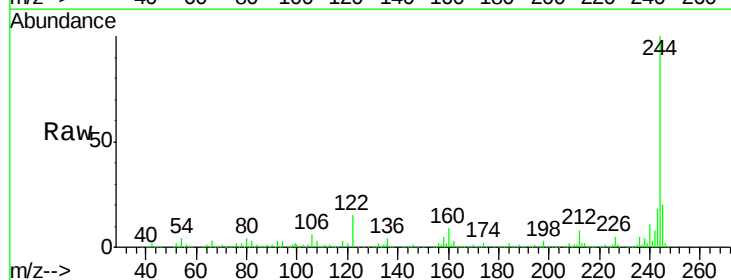


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

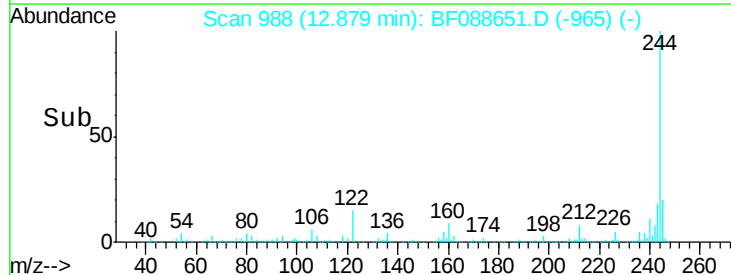
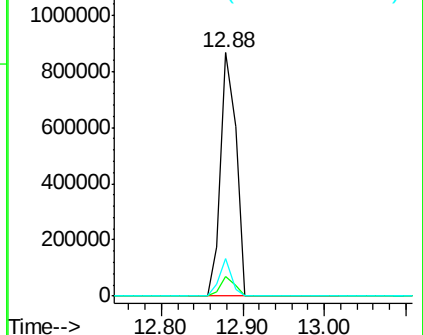


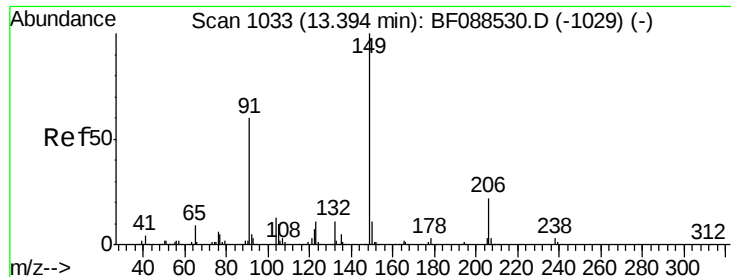
#78
Terphenyl-d14
Concen: 89.27 ng
RT: 12.88 min Scan# 988
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:244 Resp: 1134222
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 15.3 11.2 16.8



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





#79

Butylbenzylphthalate

Concen: 25.43 ng

RT: 13.36 min Scan# 1030

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

Instrument :

BNA_F

ClientSampleId :

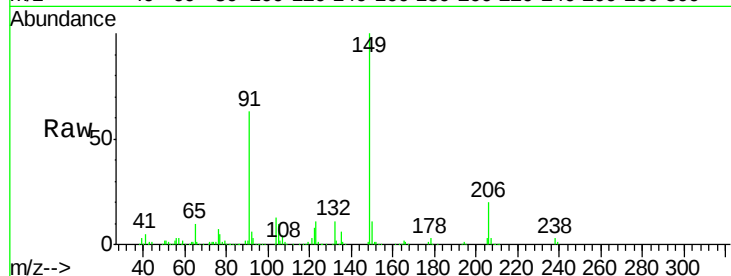
Tot Ion:149 Resp: 272190

Ion Ratio Lower Upper

149 100

91 63.2 48.0 72.0

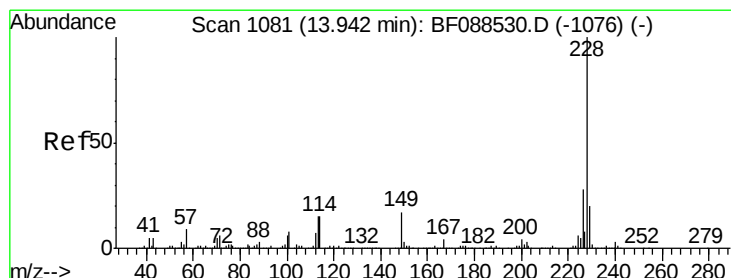
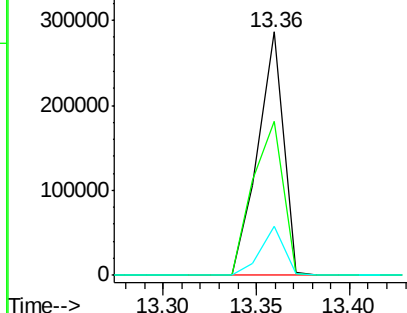
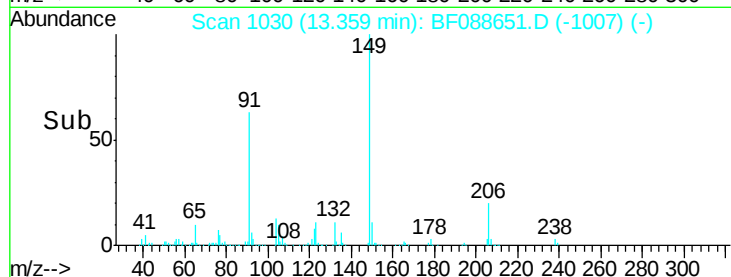
206 20.4 16.0 24.0



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: 24.56 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.03 min

Lab File: BF088651.D

Acq: 3 Jul 2016 16:02

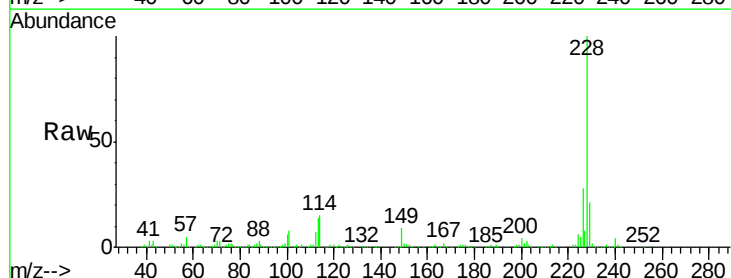
Tgt Ion:228 Resp: 447566

Ion Ratio Lower Upper

228 100

226 27.7 22.3 33.5

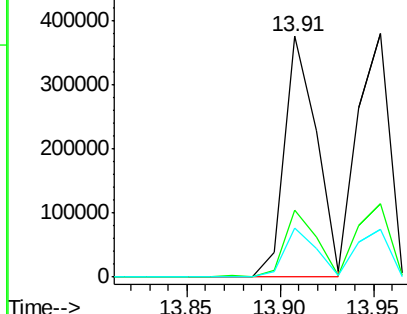
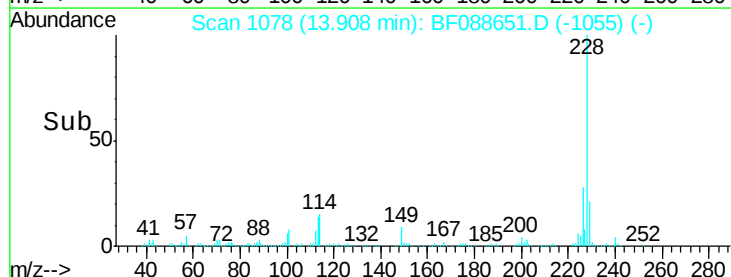
229 20.5 16.0 24.0

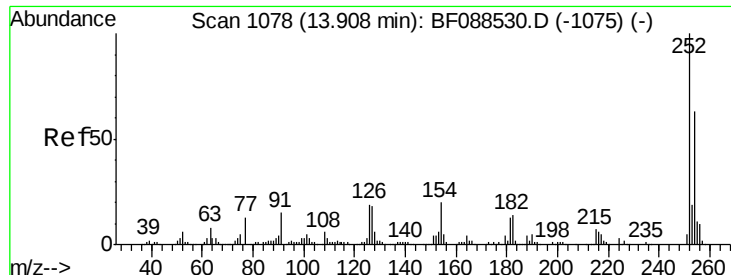


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

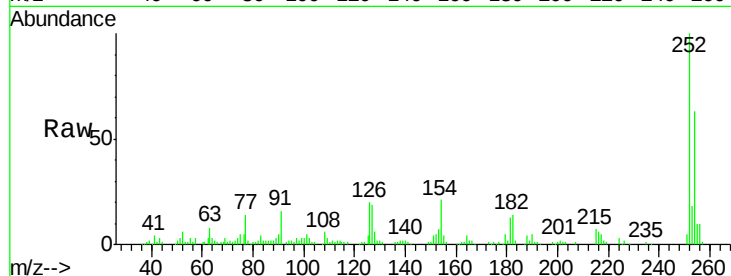




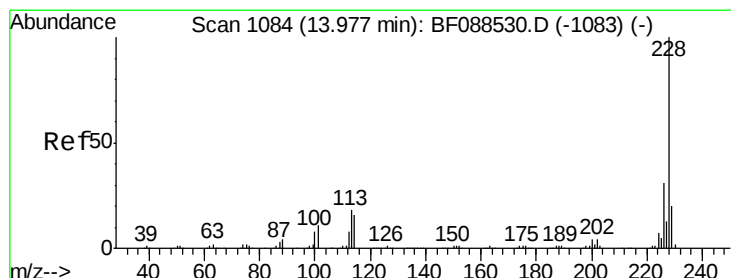
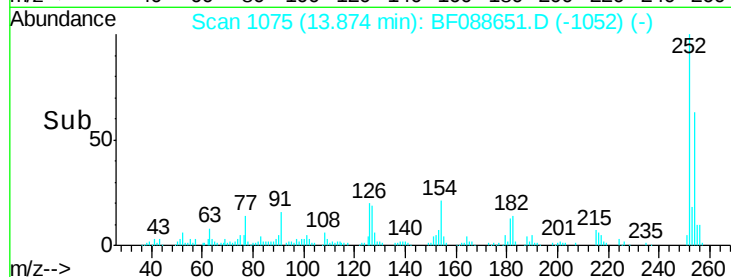
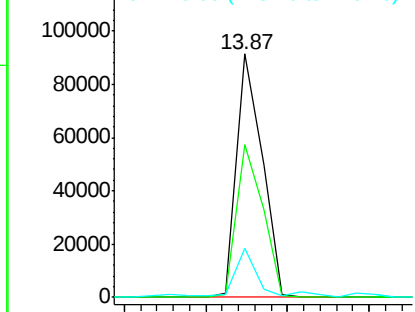
#81
 3,3'-Dichlorobenzidine
 Concen: 14.44 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 98953
 Ion Ratio Lower Upper
 252 100
 254 62.7 52.6 78.8
 126 20.4 6.2 9.2#

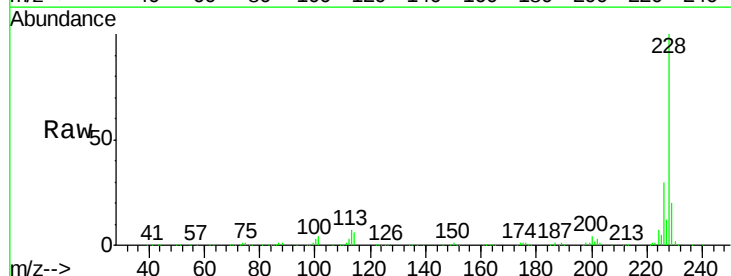


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

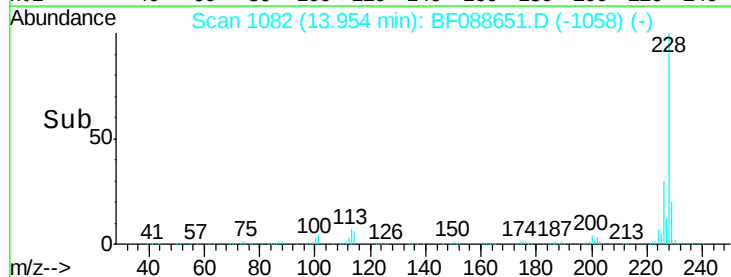
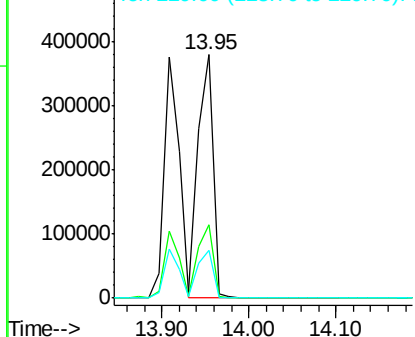


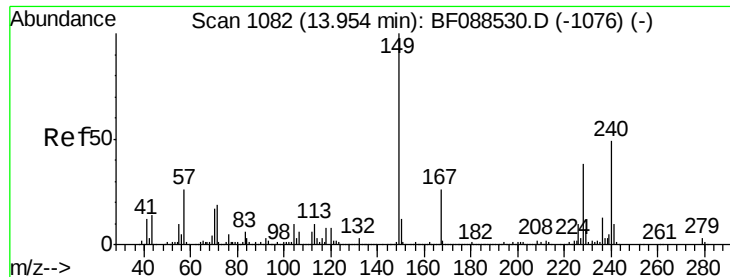
#82
 Chrysene
 Concen: 25.09 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. -0.02 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:228 Resp: 452385
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 19.6 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

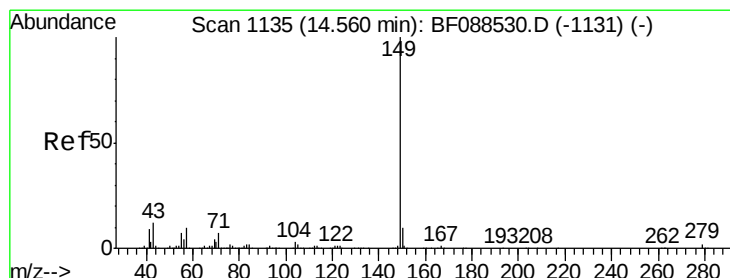
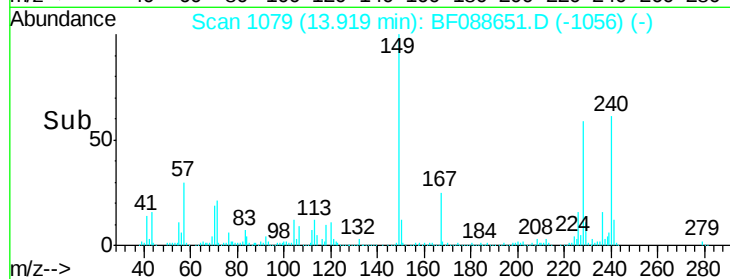
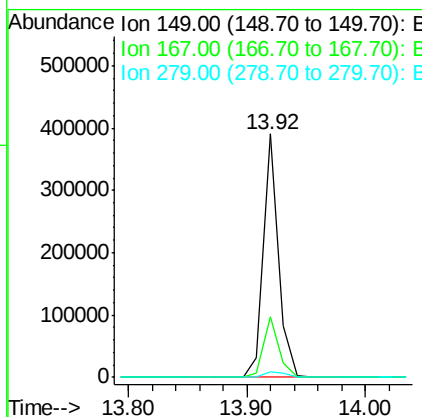
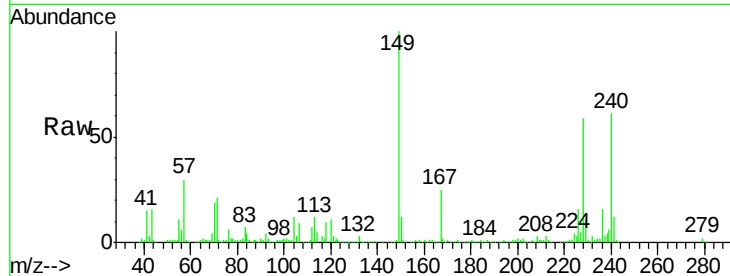




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 28.58 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

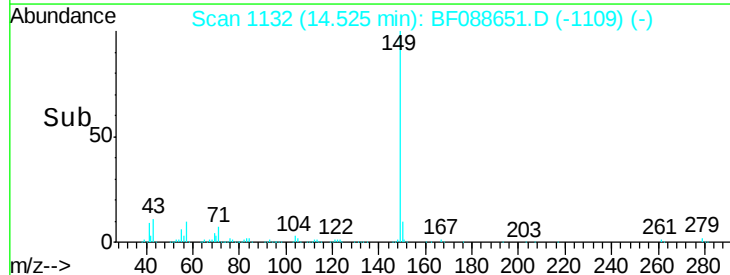
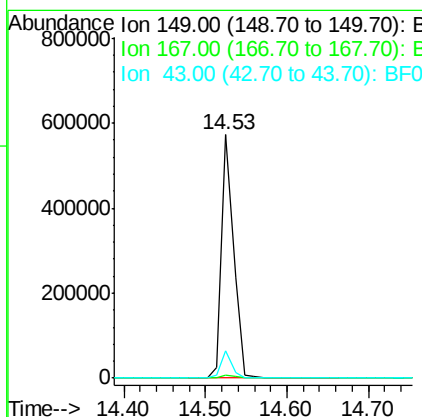
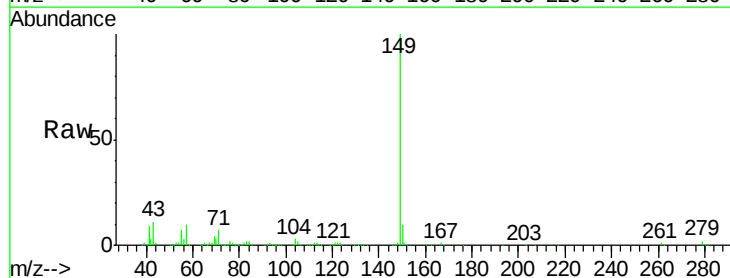
Instrument :
 BNA_F
 ClientSampleId :

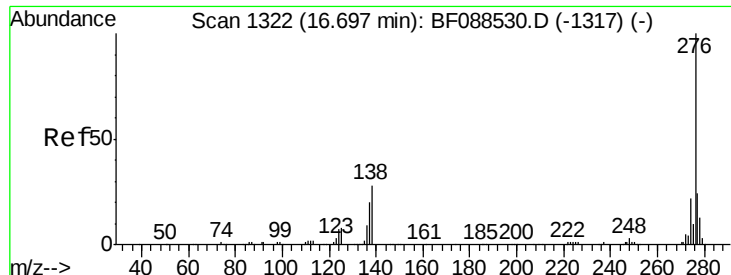
Tot Ion:149 Resp: 349200
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.5 30.7
 279 2.4 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 28.02 ng
 RT: 14.53 min Scan# 1132
 Delta R.T. -0.03 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Tgt Ion:149 Resp: 581628
 Ion Ratio Lower Upper
 149 100
 167 1.7 0.0 0.0#
 43 10.3 0.0 0.0#

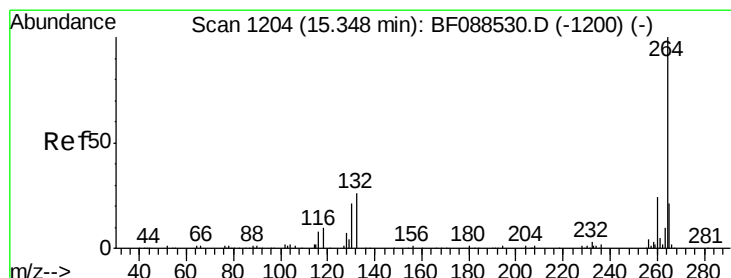
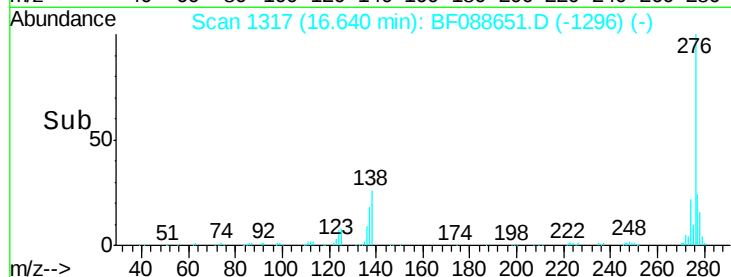
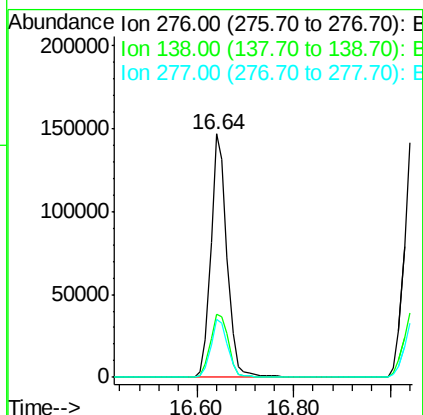
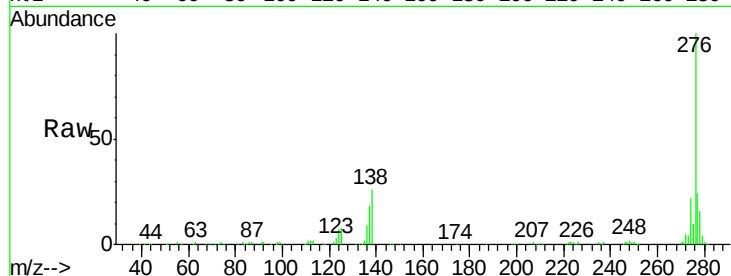




#85
Indeno(1,2,3-cd)pyrene
Concen: 24.99 ng
RT: 16.64 min Scan# 1317
Delta R.T. -0.06 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

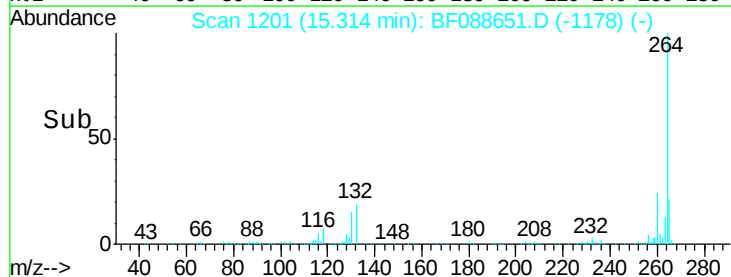
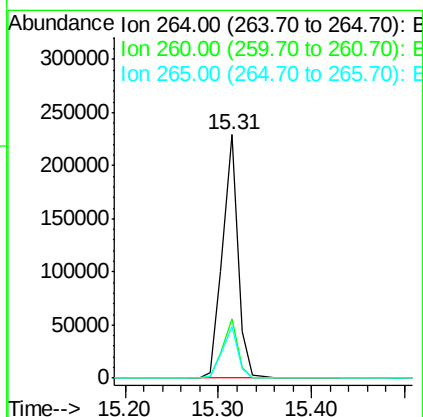
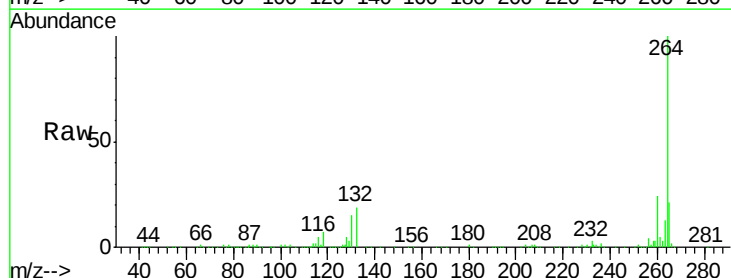
Instrument :
BNA_F
ClientSampleId :

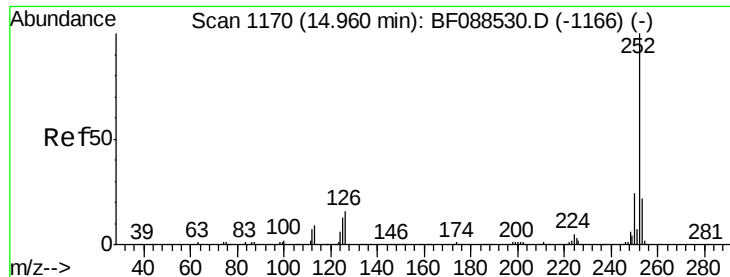
Tot Ion:276 Resp: 346543
Ion Ratio Lower Upper
276 100
138 29.1 0.0 0.0#
277 25.0 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:264 Resp: 264738
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 21.3 16.9 25.3

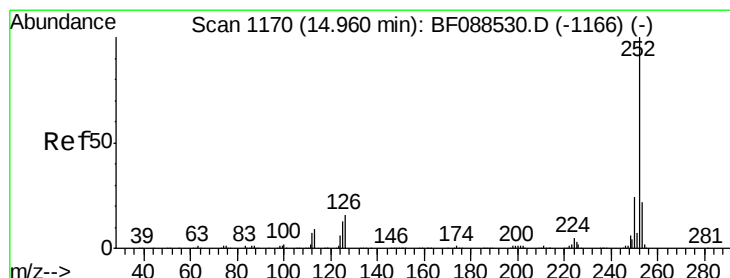
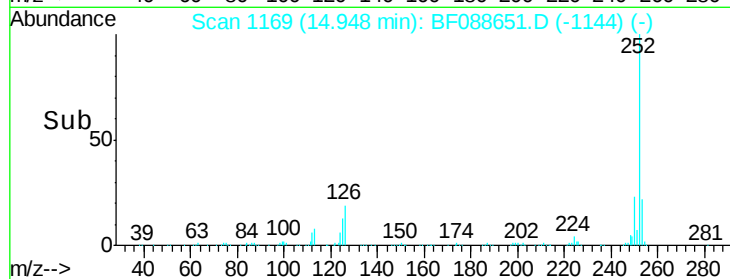
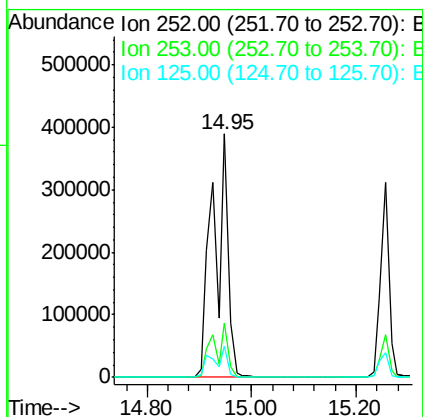
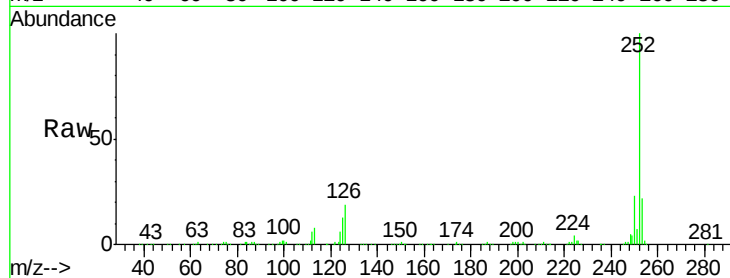




#87
Benzo(b)fluoranthene
Concen: 46.28 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

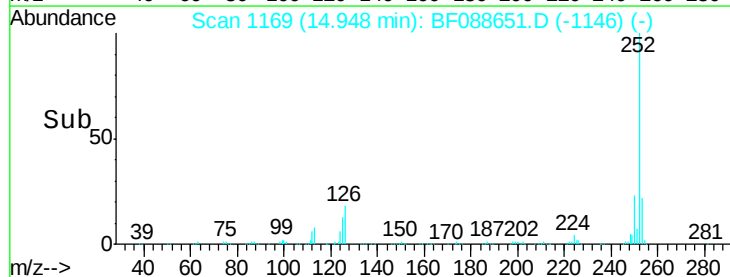
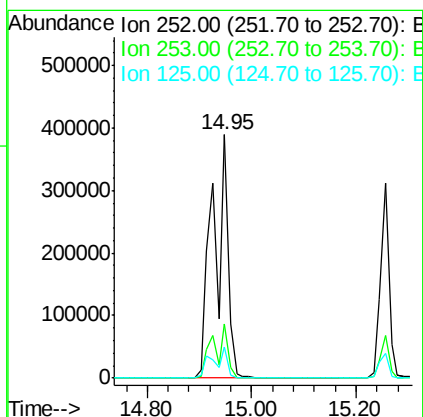
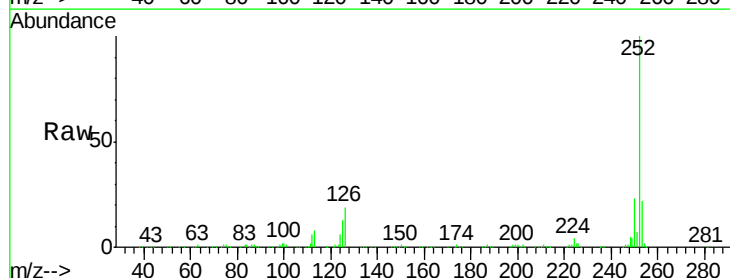
Instrument :
BNA_F
ClientSampleId :

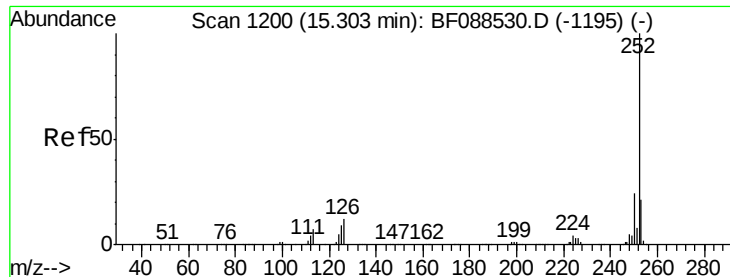
Tot Ion:252 Resp: 768592
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 12.8 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 53.16 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Tgt Ion:252 Resp: 768592
Ion Ratio Lower Upper
252 100
253 22.2 18.0 27.0
125 12.8 11.2 16.8

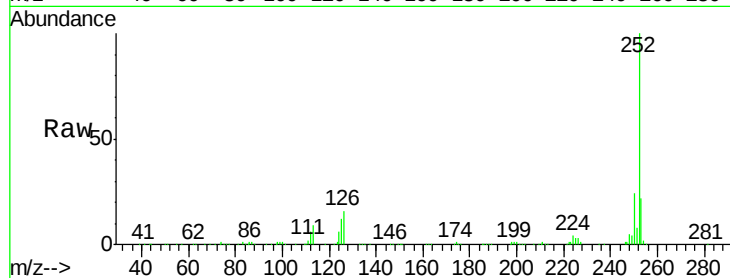




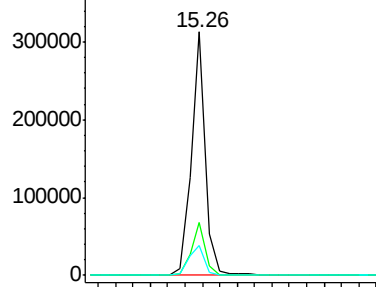
#89
Benzo(a)pyrene
Concen: 25.21 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.05 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

Instrument :
BNA_F
ClientSampleId :

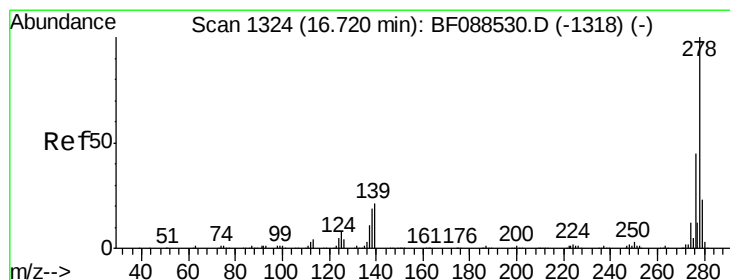
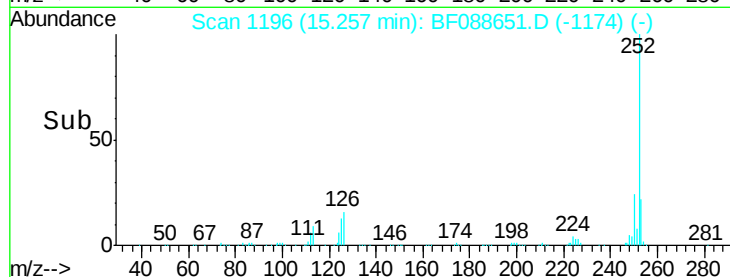
Tot Ion:252 Resp: 354411
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 12.5 12.5 18.7#



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

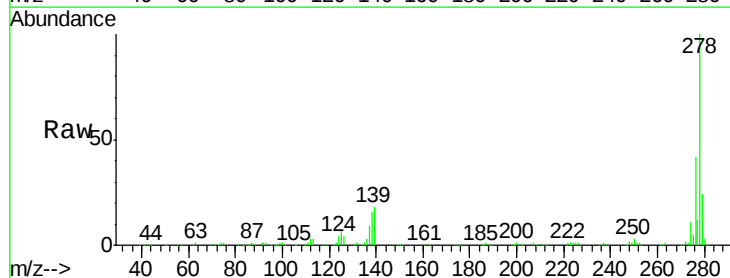


Time-->

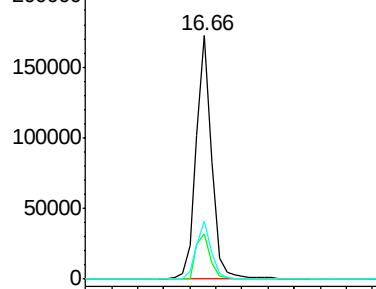


#90
Dibenzo(a,h)anthracene
Concen: 24.37 ng
RT: 16.66 min Scan# 1319
Delta R.T. -0.06 min
Lab File: BF088651.D
Acq: 3 Jul 2016 16:02

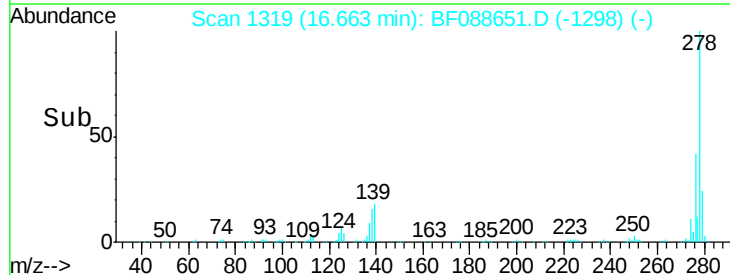
Tgt Ion:278 Resp: 286103
Ion Ratio Lower Upper
278 100
139 18.4 15.7 23.5
279 23.6 19.4 29.2

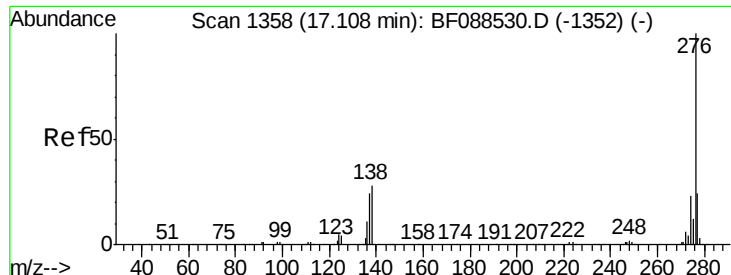


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->

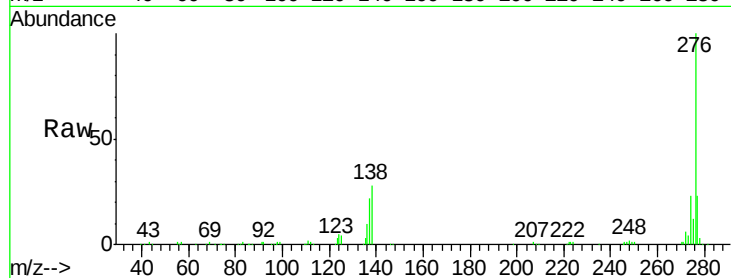




#91
 Benzo(a,h,i)perylene
 Concen: 23.69 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.07 min
 Lab File: BF088651.D
 Acq: 3 Jul 2016 16:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	27.6	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

