

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088709.D
 Acq On : 5 Jul 2016 18:12
 Operator : UM/SJ
 Sample : PB91727BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Quant Time: Jul 06 01:33:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	104561	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	419827	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	210826	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402616	20.00	ng	0.00
75) Chrysene-d12	13.92	240	260187	20.00	ng	0.00
86) Perylene-d12	15.30	264	206201	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	725487	103.99	ng	0.01
7) Phenol-d6	6.42	99	975418	108.20	ng	0.01
23) Nitrobenzene-d5	7.35	82	713672	89.08	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	279637	142.84	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1162858	87.13	ng	0.00
78) Terphenyl-d14	12.87	244	966217	82.71	ng	0.00

Target Compounds

						Qvalue
3) Pyridine	3.08	79	296953	29.59	ng	90
4) n-Nitrosodimethylamine	3.04	42	123132	32.11	ng	86
6) Aniline	6.43	93	329488	25.08	ng	# 1
8) 2-Chlorophenol	6.56	128	282864	37.72	ng	96
9) Benzaldehyde	6.32	77	243315	39.85	ng	88
10) Phenol	6.43	94	409361	39.79	ng	# 67
11) bis(2-Chloroethyl)ether	6.51	93	258451	33.69	ng	95
12) 1,3-Dichlorobenzene	6.72	146	311733	37.78	ng	97
13) 1,4-Dichlorobenzene	6.80	146	303168	37.02	ng	96
14) 1,2-Dichlorobenzene	6.80	146	303168	39.55	ng	98
15) Benzyl Alcohol	6.92	79	290098	43.72	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	347913	31.31	ng	90
17) 2-Methylphenol	7.04	107	242856	39.70	ng	97
18) Hexachloroethane	7.29	117	120090	37.91	ng	90
19) n-Nitroso-di-n-propylamine	7.20	70	207834	34.32	ng	92
20) 3+4-Methylphenols	7.20	107	331488	45.15	ng	89
22) Acetophenone	7.19	105	413049	40.54	ng	# 88
24) Nitrobenzene	7.36	77	301744	37.36	ng	# 83
25) Isophorone	7.61	82	626545	42.22	ng	98
26) 2-Nitrophenol	7.68	139	167264	50.50	ng	93
27) 2,4-Dimethylphenol	7.72	122	295419	42.82	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	371665	38.49	ng	# 94
29) 2,4-Dichlorophenol	7.92	162	237039	42.51	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	254774	41.64	ng	96
31) Naphthalene	8.08	128	845731	40.86	ng	99
32) Benzoic acid	7.79	122	20198	4.03	ng	88
33) 4-Chloroaniline	8.14	127	176396	19.16	ng	# 93
34) Hexachlorobutadiene	8.20	225	136165	41.56	ng	98
35) Caprolactam	8.50	113	49430	26.10	ng	97
36) 4-Chloro-3-methylphenol	8.62	107	294492	44.67	ng	91
37) 2-Methylnaphthalene	8.78	142	597188	44.81	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	230637	32.89	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	273777	79.55	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	178457	38.60	ng	96

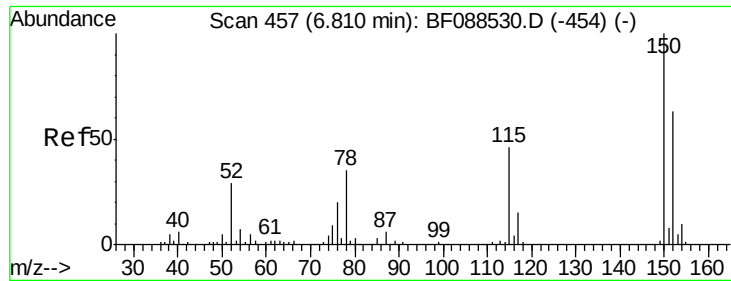
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088709.D
 Acq On : 5 Jul 2016 18:12
 Operator : UM/SJ
 Sample : PB91727BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Quant Time: Jul 06 01:33:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.10	196	193707	48.70	ng	98
45) 1,1'-Biphenyl	9.24	154	675398	38.69	ng	96
46) 2-Chloronaphthalene	9.26	162	536841	39.17	ng	96
47) 2-Nitroaniline	9.36	65	208642	42.90	ng	86
48) Acenaphthylene	9.68	152	916656	42.04	ng	99
49) Dimethylphthalate	9.54	163	613559	40.85	ng	99
50) 2,6-Dinitrotoluene	9.60	165	134354	40.36	ng	# 47
51) Acenaphthene	9.85	154	565888	42.34	ng	99
52) 3-Nitroaniline	9.76	138	95820	22.64	ng	82
53) 2,4-Dinitrophenol	9.87	184	44060	29.98	ng	# 76
54) Dibenzofuran	10.02	168	798352	45.63	ng	95
55) 4-Nitrophenol	9.94	139	283947	88.30	ng	# 83
56) 2,4-Dinitrotoluene	10.00	165	192493	44.23	ng	# 42
57) Fluorene	10.36	166	570908	42.34	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	147296	47.86	ng	# 48
59) Diethylphthalate	10.24	149	620089	41.14	ng	97
60) 4-Chlorophenyl-phenylether	10.35	204	257465	41.10	ng	95
61) 4-Nitroaniline	10.38	138	153933	37.80	ng	83
62) Azobenzene	10.51	77	778963	45.30	ng	96
64) 4,6-Dinitro-2-methylphenol	10.41	198	58854	27.33	ng	# 76
65) n-Nitrosodiphenylamine	10.48	169	549862	40.35	ng	100
66) 4-Bromophenyl-phenylether	10.85	248	175426	43.24	ng	94
67) Hexachlorobenzene	10.90	284	169024	37.63	ng	96
68) Atrazine	11.01	200	179506	42.28	ng	93
69) Pentachlorophenol	11.10	266	144580	54.39	ng	97
70) Phenanthrene	11.31	178	820341	37.27	ng	99
71) Anthracene	11.37	178	930192	42.51	ng	98
72) Carbazole	11.52	167	802241	38.95	ng	99
73) Di-n-butylphthalate	11.86	149	1072602	44.77	ng	99
74) Fluoranthene	12.49	202	825320	36.99	ng	97
76) Benzidine	12.62	184	567418	43.15	ng	98
77) Pyrene	12.72	202	790213	35.82	ng	100
79) Butylbenzylphthalate	13.35	149	413155	41.99	ng	# 81
80) Benzo(a)anthracene	13.91	228	692675	41.34	ng	100
81) 3,3'-Dichlorobenzidine	13.87	252	122598	19.46	ng	98
82) Chrysene	13.94	228	680077	41.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	487801	43.42	ng	99
84) Di-n-octyl phthalate	14.51	149	778069	40.77	ng	# 100
85) Indeno(1,2,3-cd)pyrene	16.64	276	561980	44.07	ng	# 100
87) Benzo(b)fluoranthene	14.91	252	1041377	80.51	ng	# 98
88) Benzo(k)fluoranthene	14.91	252	1041377	92.48	ng	# 96
89) Benzo(a)pyrene	15.25	252	473966	43.28	ng	98
90) Dibenzo(a,h)anthracene	16.65	278	458793	50.17	ng	99
91) Benzo(g,h,i)perylene	17.04	276	480218	50.74	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

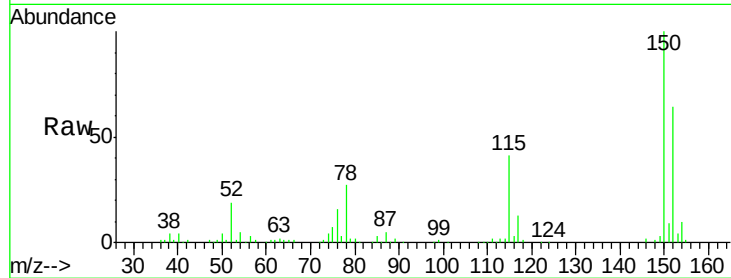
Tgt Ion:152 Resp: 104561

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

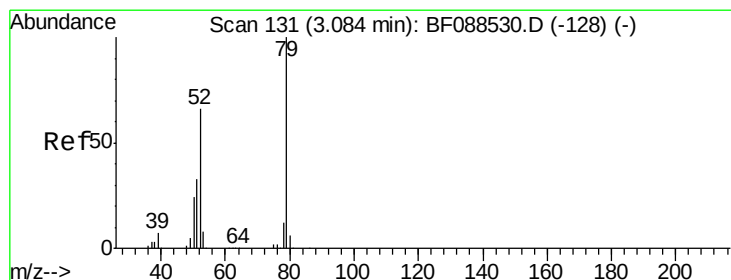
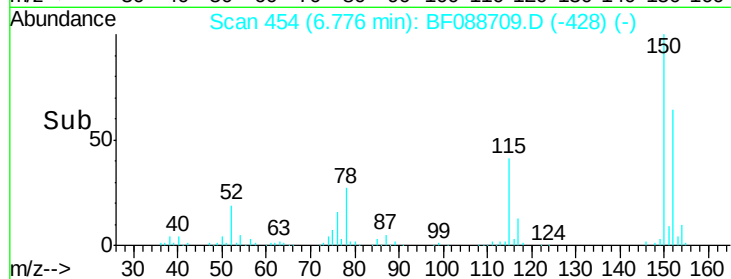
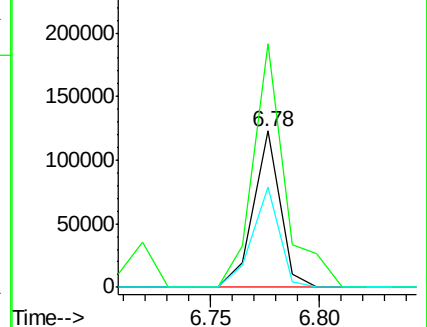
115 63.8 39.6 59.4#



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



#3

Pyridine

Concen: 29.59 ng

RT: 3.08 min Scan# 131

Delta R.T. 0.08 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

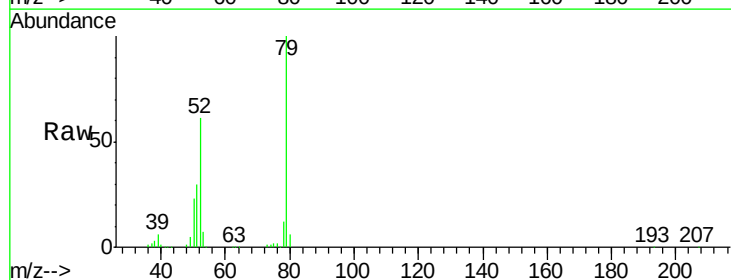
Tgt Ion: 79 Resp: 296953

Ion Ratio Lower Upper

79 100

52 61.4 56.3 84.5

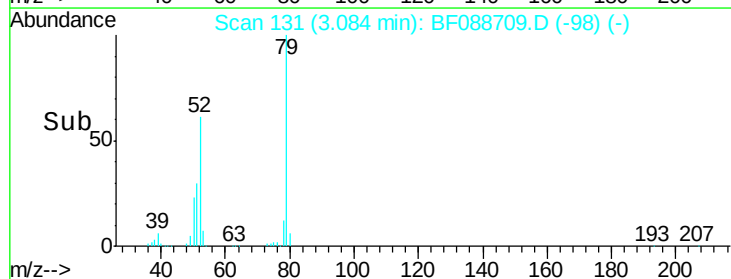
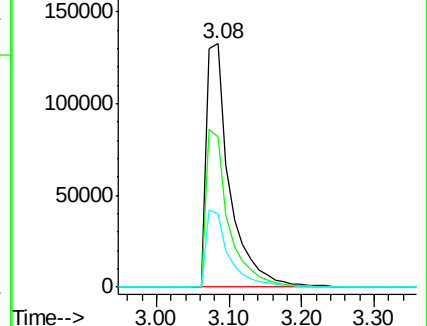
51 30.3 27.4 41.2

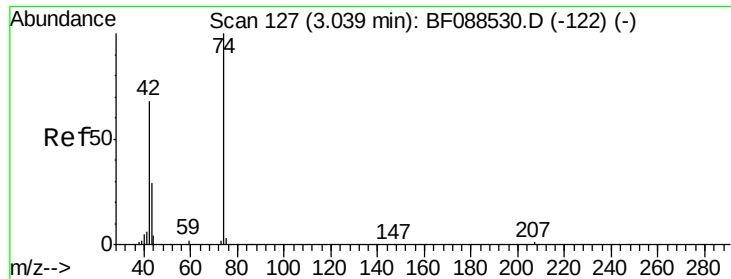


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0





#4

n-Nitrosodimethylamine

Concen: 32.11 ng

RT: 3.04 min Scan# 127

Delta R.T. 0.07 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

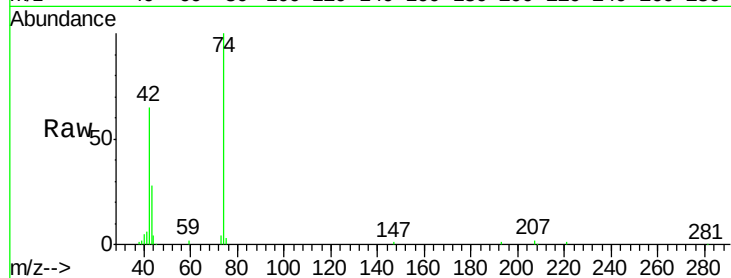
Tgt Ion: 42 Resp: 123132

Ion Ratio Lower Upper

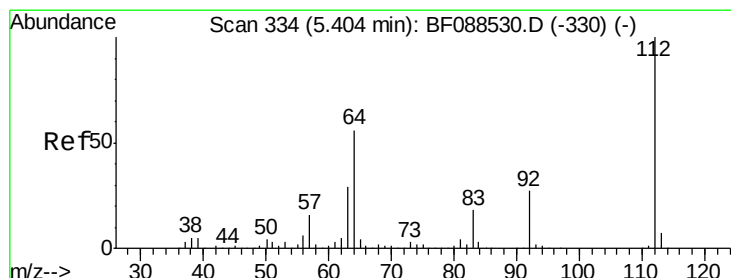
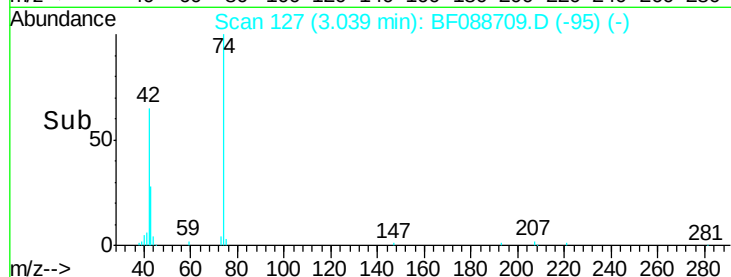
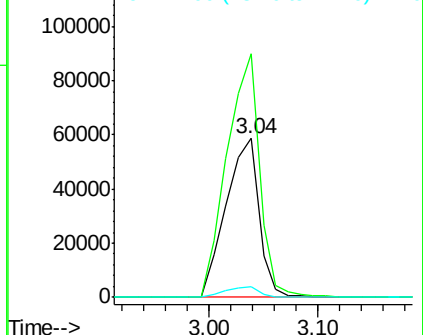
42 100

74 153.4 108.6 163.0

44 6.6 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0



#5

2-Fluorophenol

Concen: 103.99 ng

RT: 5.38 min Scan# 332

Delta R.T. 0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

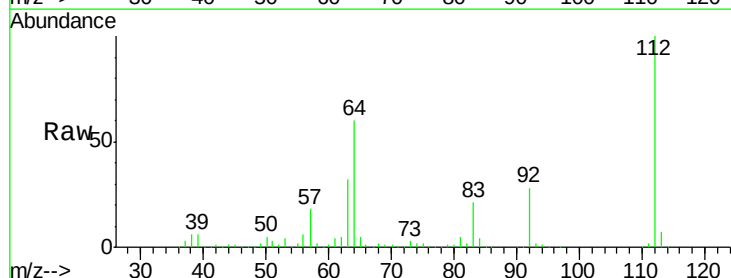
Tgt Ion: 112 Resp: 725487

Ion Ratio Lower Upper

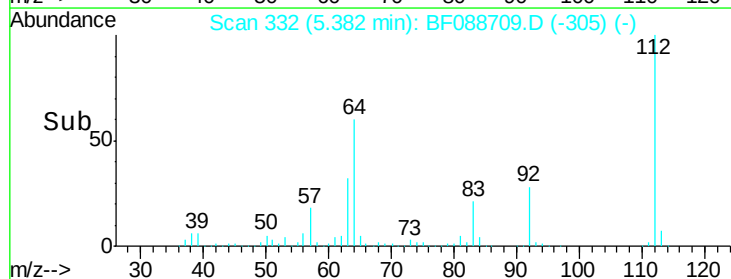
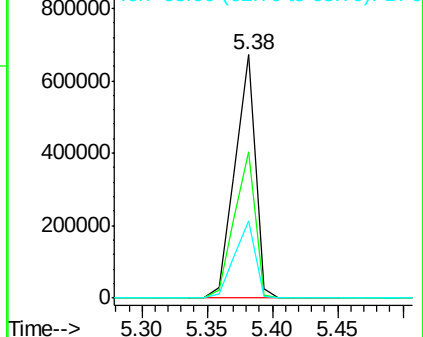
112 100

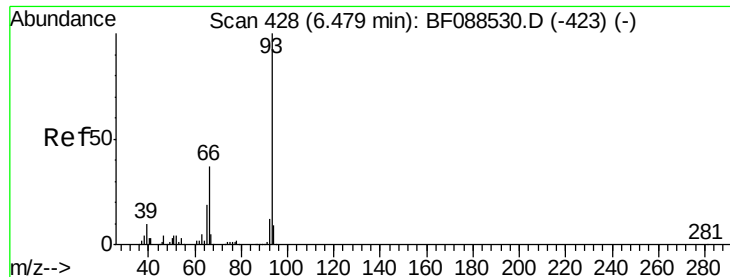
64 60.1 42.2 63.2

63 31.8 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: 25.08 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

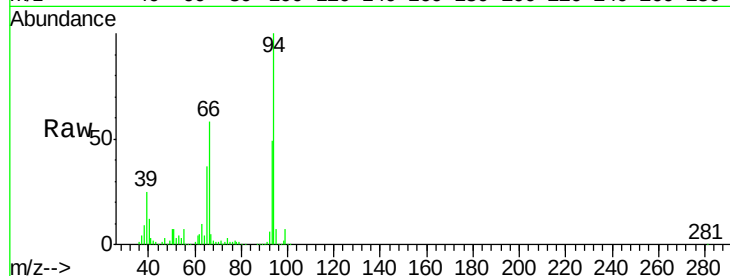
Tgt Ion: 93 Resp: 329488

Ion Ratio Lower Upper

93 100

66 118.0 29.8 44.8#

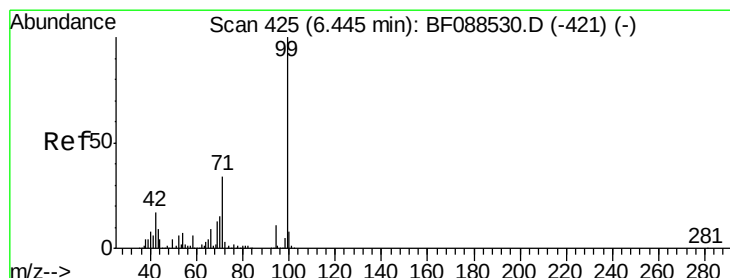
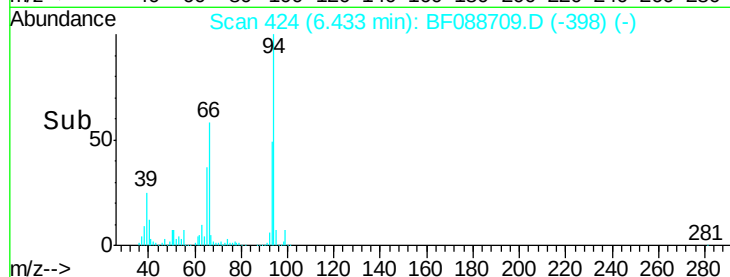
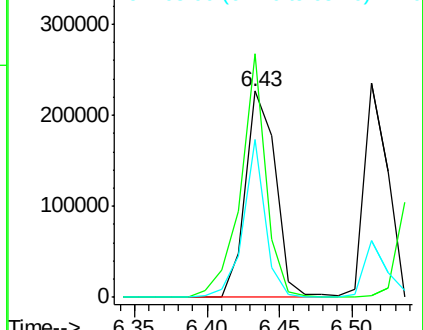
65 76.6 14.9 22.3#



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: 108.20 ng

RT: 6.42 min Scan# 423

Delta R.T. 0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

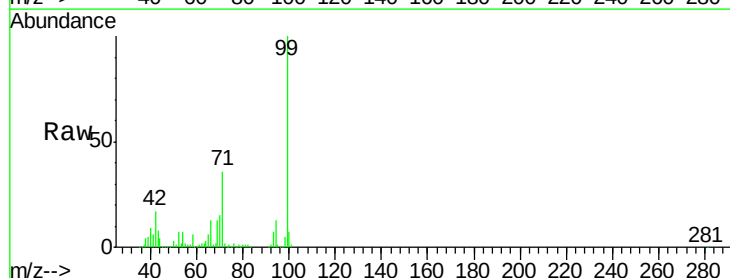
Tgt Ion: 99 Resp: 975418

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

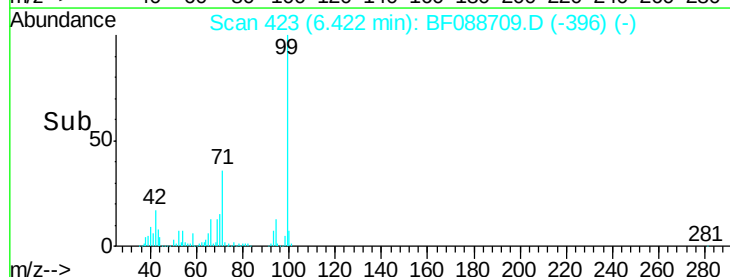
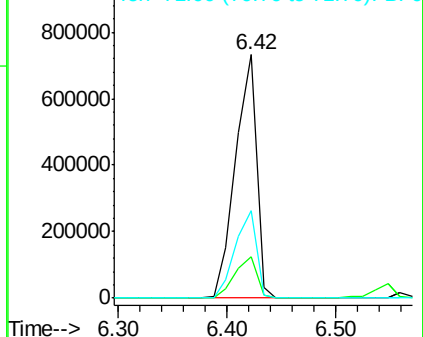
71 36.2 23.4 35.0#

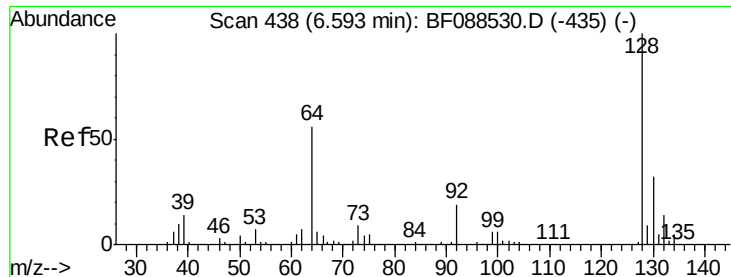


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 37.72 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

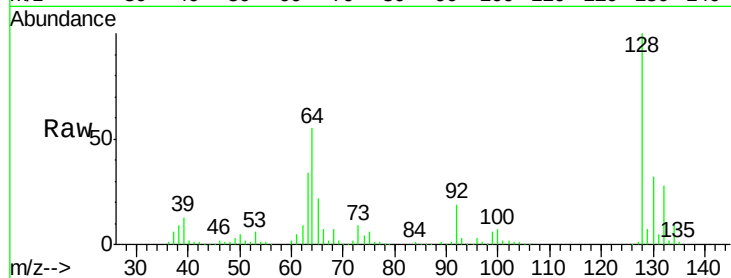
Tgt Ion:128 Resp: 282864

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

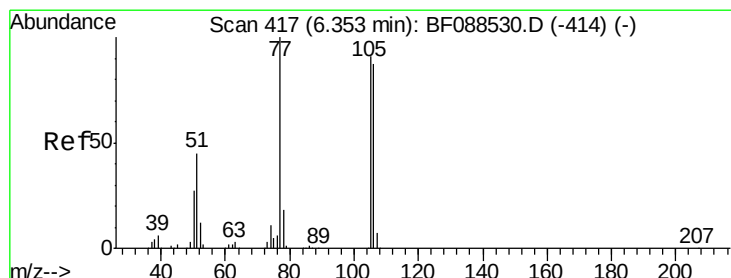
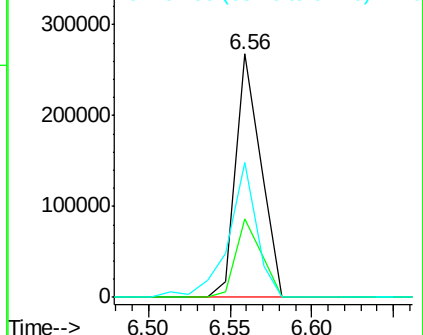
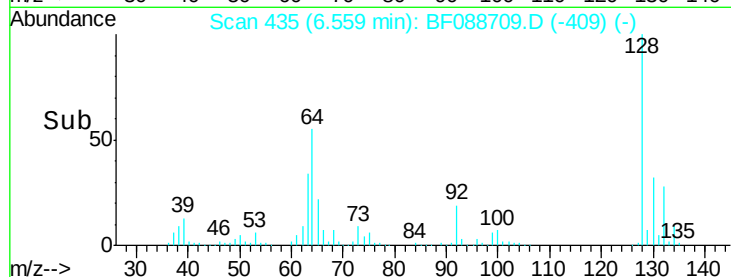
64 55.1 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): B

Ion 130.00 (129.70 to 130.70): B

Ion 64.00 (63.70 to 64.70): B



#9

Benzaldehyde

Concen: 39.85 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

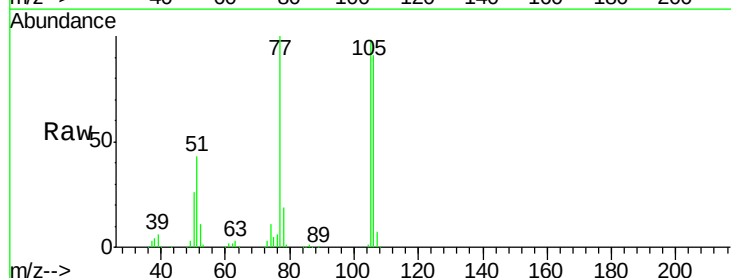
Tgt Ion: 77 Resp: 243315

Ion Ratio Lower Upper

77 100

105 98.4 90.6 130.6

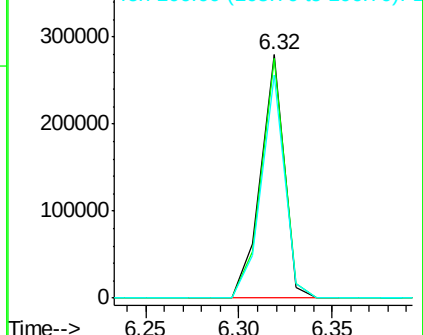
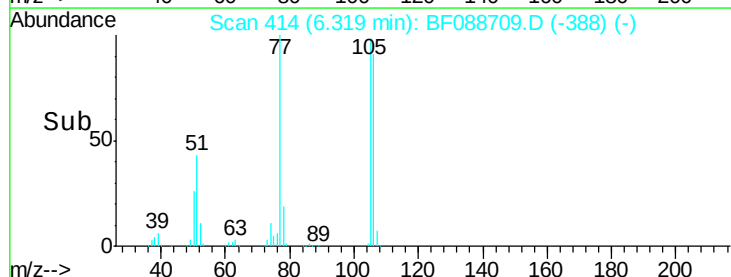
106 91.5 85.3 125.3

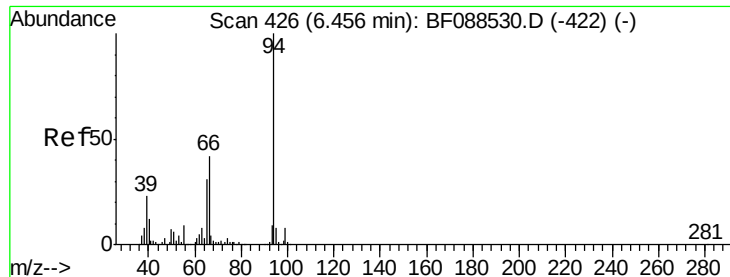


Abundance Ion 77.00 (76.70 to 77.70): B

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#10

Phenol

Concen: 39.79 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

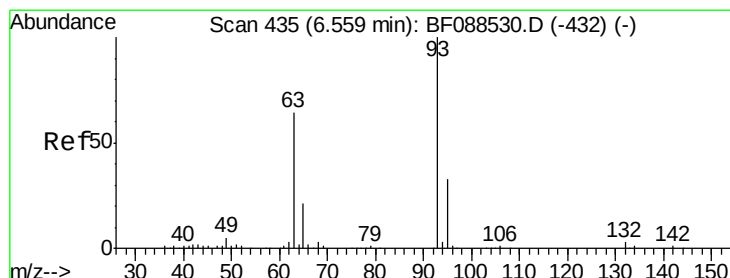
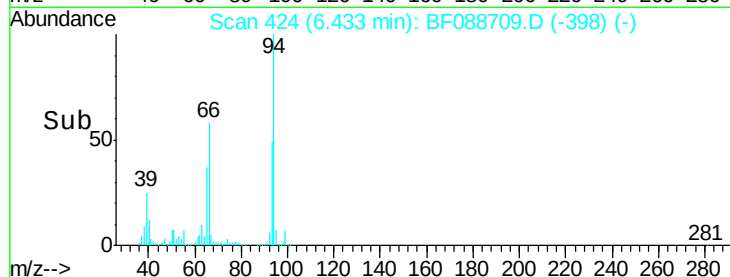
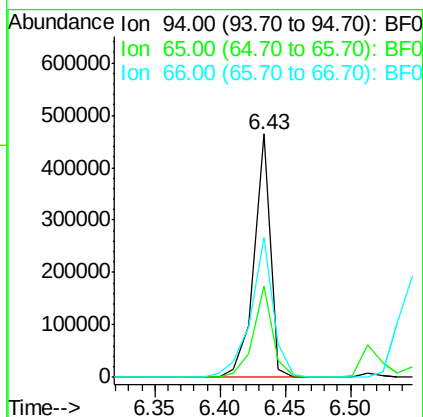
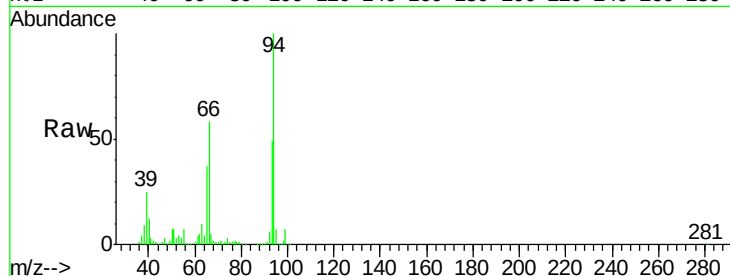
Tgt Ion: 94 Resp: 409361

Ion Ratio Lower Upper

94 100

65 37.3 5.9 45.9

66 57.6 14.0 54.0#



#11

bis(2-Chloroethyl)ether

Concen: 33.69 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

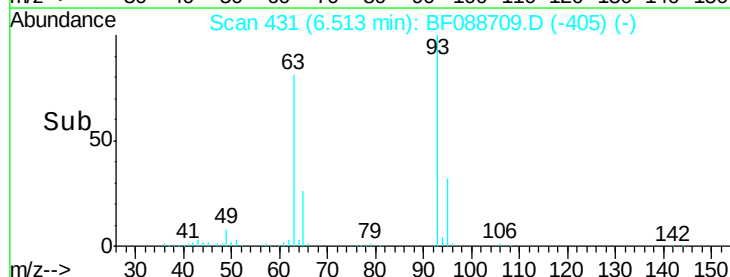
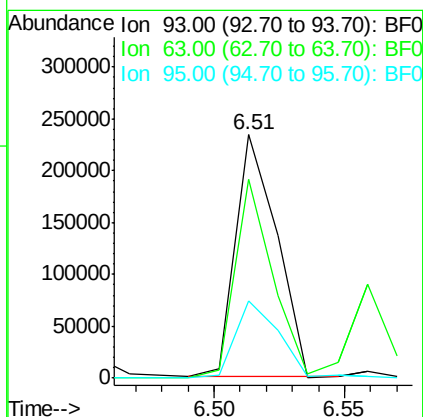
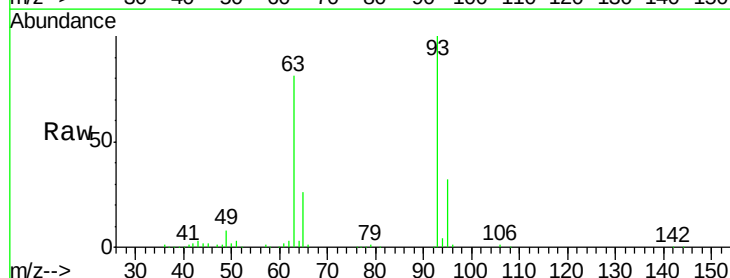
Tgt Ion: 93 Resp: 258451

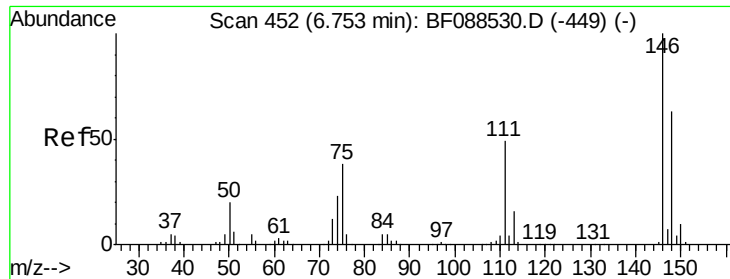
Ion Ratio Lower Upper

93 100

63 81.4 67.6 107.6

95 31.6 12.5 52.5

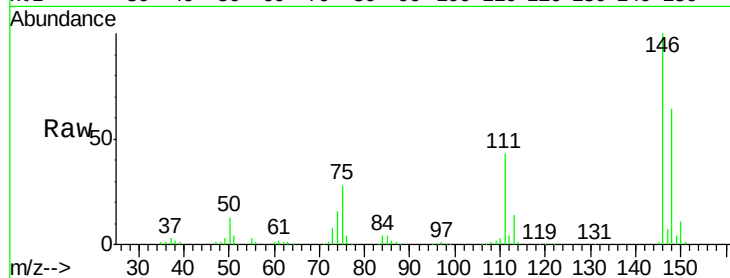




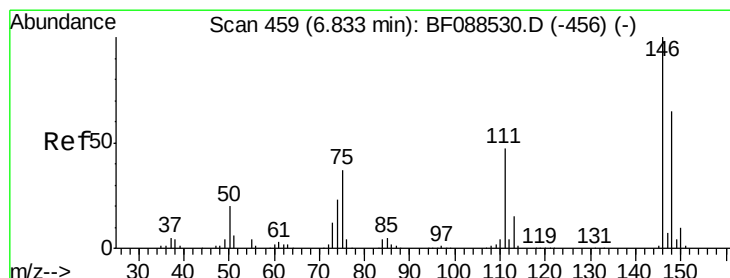
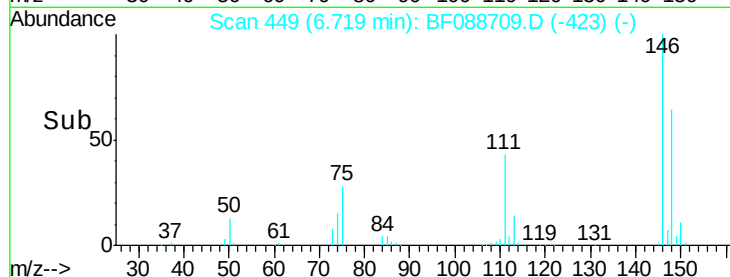
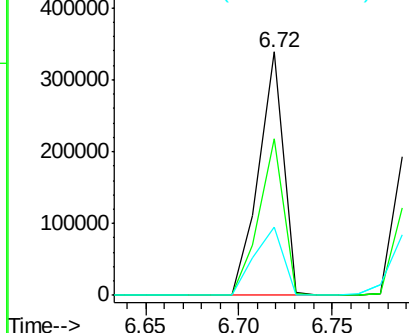
#12
 1,3-Dichlorobenzene
 Concen: 37.78 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tgt Ion:146 Resp: 311733
 Ion Ratio Lower Upper
 146 100
 148 64.2 50.9 76.3
 75 28.1 25.6 38.4

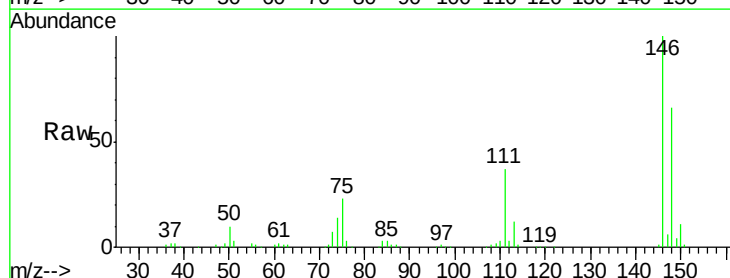


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

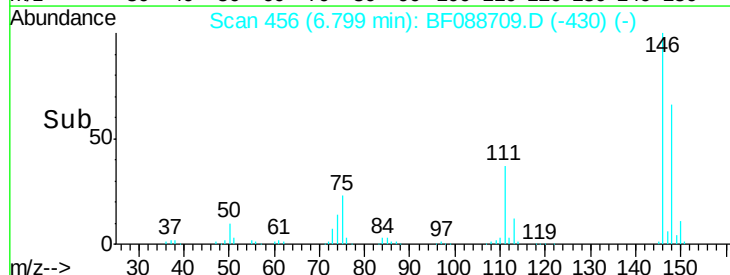
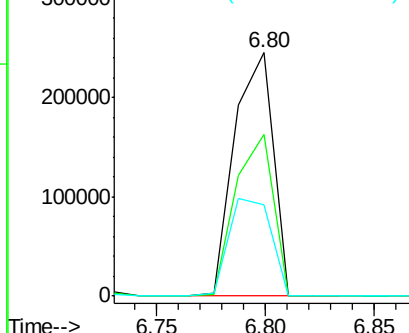


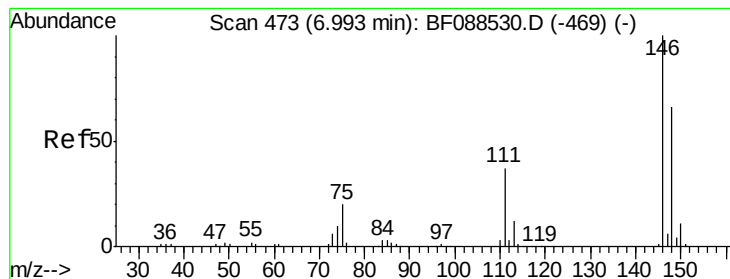
#13
 1,4-Dichlorobenzene
 Concen: 37.02 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:146 Resp: 303168
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.0 78.0
 111 37.5 33.8 50.8



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





#14

1,2-Dichlorobenzene

Concen: 39.55 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.15 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

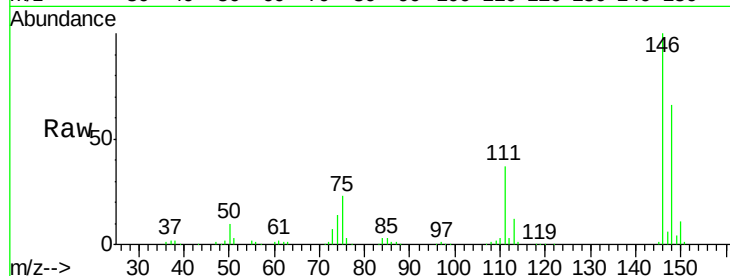
Tgt Ion:146 Resp: 303168

Ion Ratio Lower Upper

146 100

148 66.3 52.3 78.5

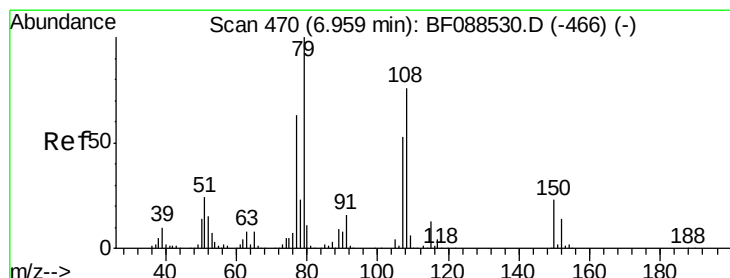
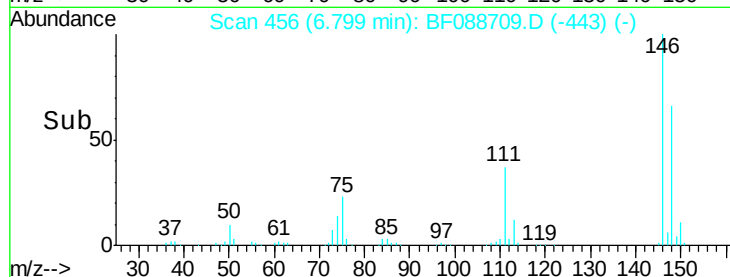
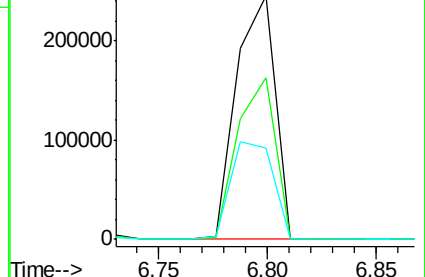
111 37.5 28.7 43.1



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: 43.72 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

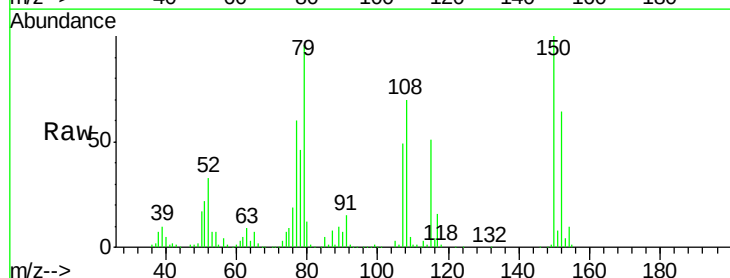
Tgt Ion: 79 Resp: 290098

Ion Ratio Lower Upper

79 100

108 72.6 65.0 97.6

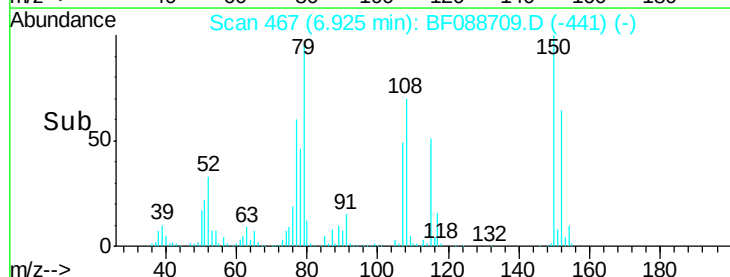
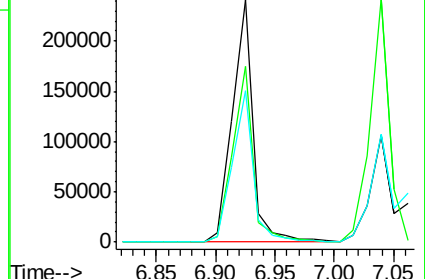
77 62.5 50.3 75.5

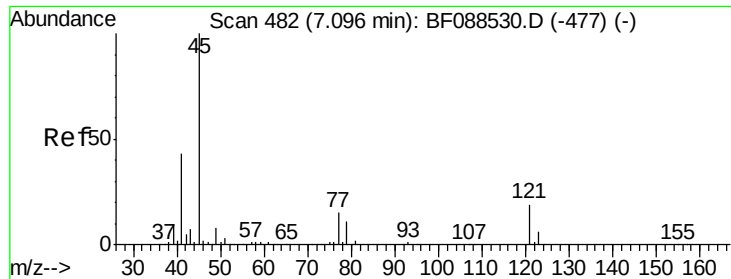


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

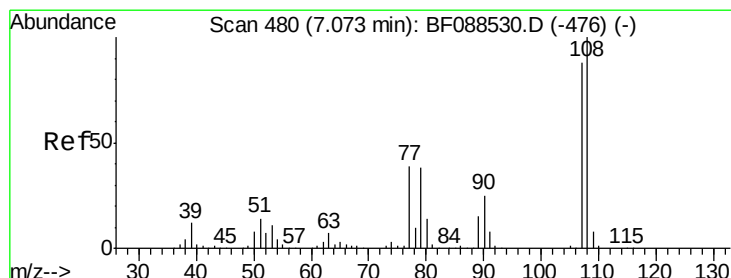
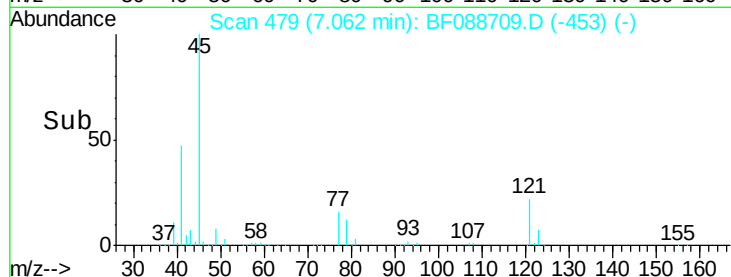
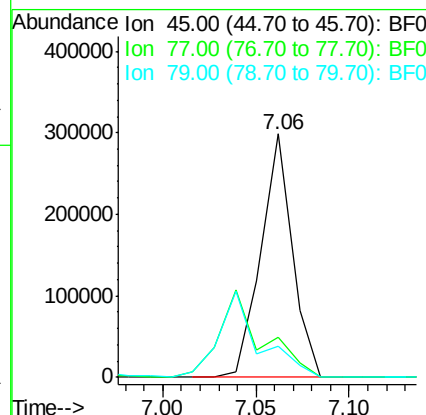
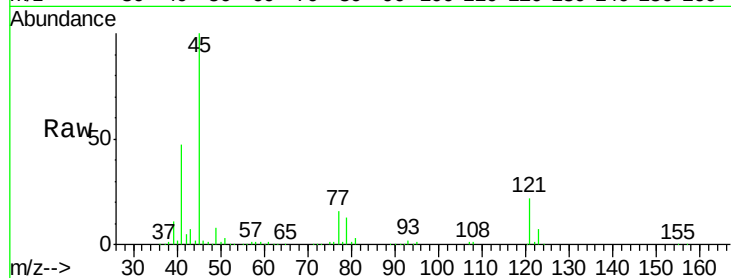




#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.31 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

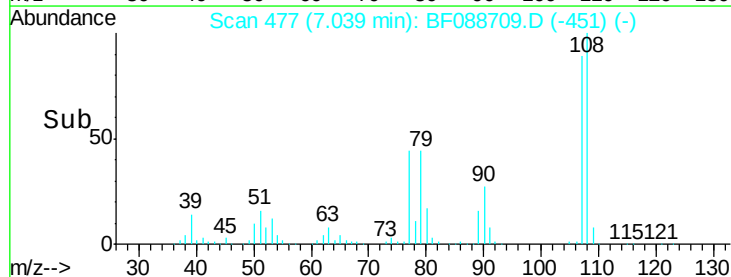
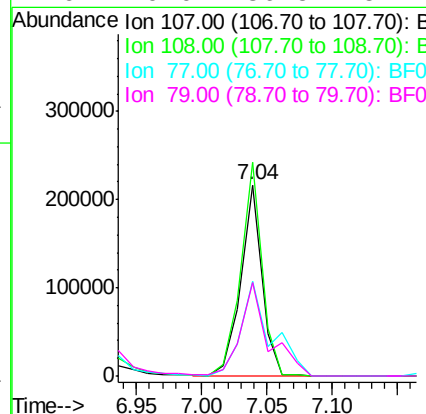
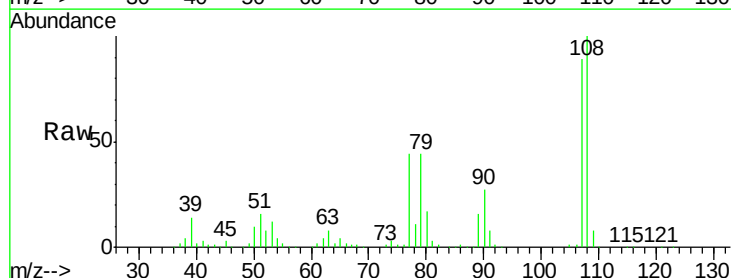
Instrument :
BNA_F
ClientSampleId :
PB91727BS

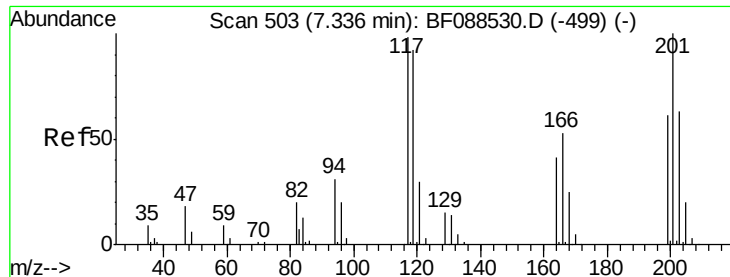
Tgt Ion: 45 Resp: 347913
Ion Ratio Lower Upper
45 100
77 16.4 0.0 32.5
79 12.8 0.0 29.5



#17
2-Methylphenol
Concen: 39.70 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion: 107 Resp: 242856
Ion Ratio Lower Upper
107 100
108 112.0 90.9 136.3
77 49.8 36.6 55.0
79 49.0 36.5 54.7

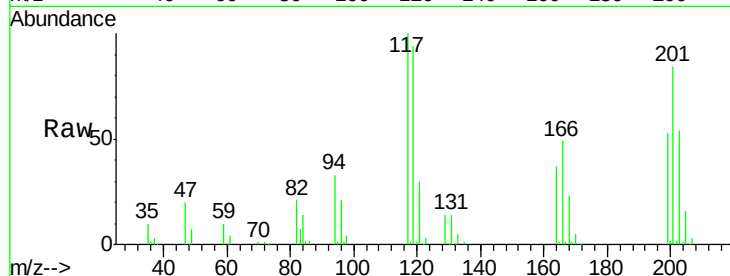




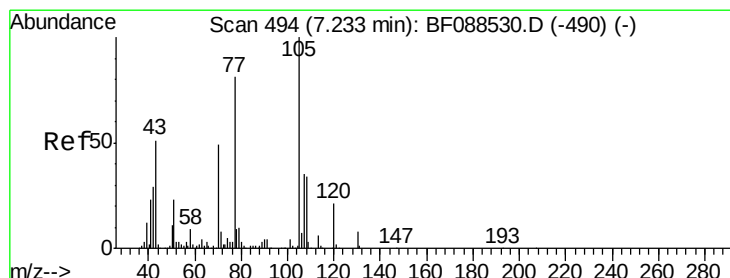
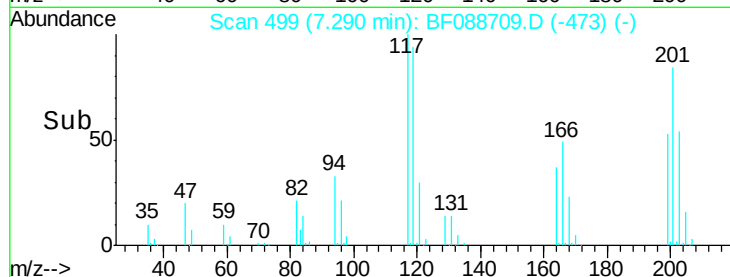
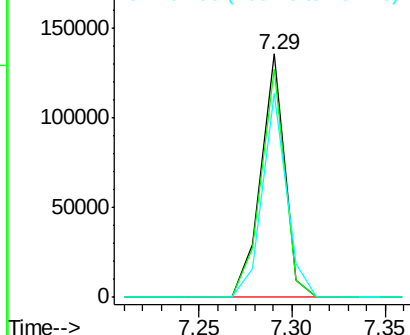
#18
Hexachloroethane
Concen: 37.91 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion: 117 Resp: 120090
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
201 83.7 80.4 120.6

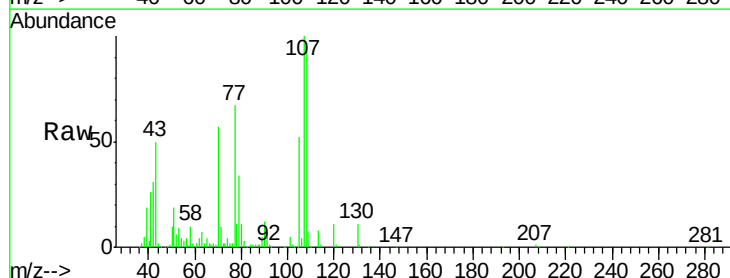


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

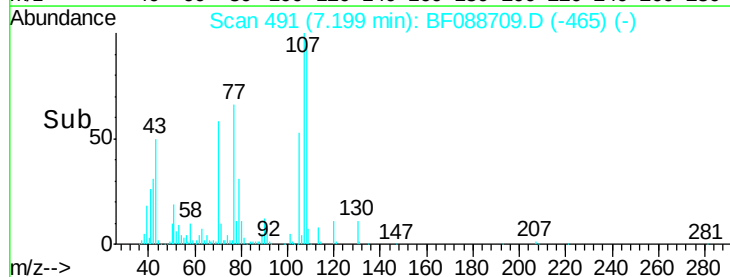
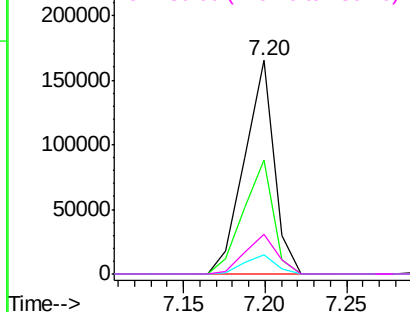


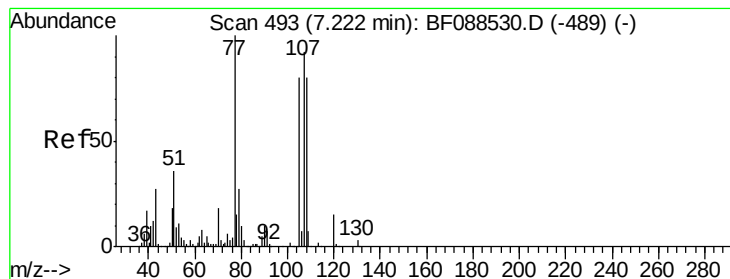
#19
n-Nitroso-di-n-propylamine
Concen: 34.32 ng
RT: 7.20 min Scan# 491
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion: 70 Resp: 207834
Ion Ratio Lower Upper
70 100
42 53.6 49.6 74.4
101 9.2 7.1 10.7
130 18.4 15.4 23.2



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





#20

3+4-Methylphenols

Concen: 45.15 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

Tgt Ion:107 Resp: 331488

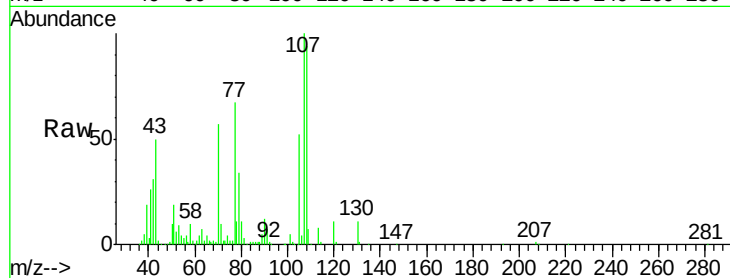
Ion Ratio Lower Upper

107 100

108 94.4 67.8 107.8

77 67.2 59.3 99.3

79 33.7 7.0 47.0



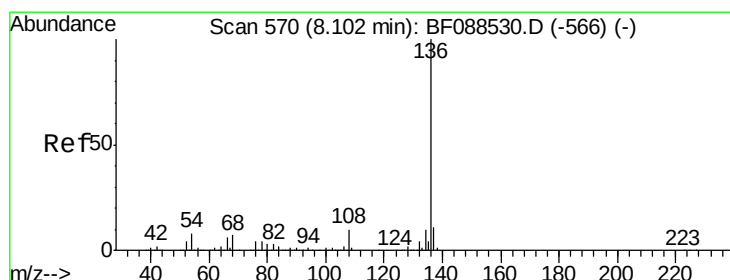
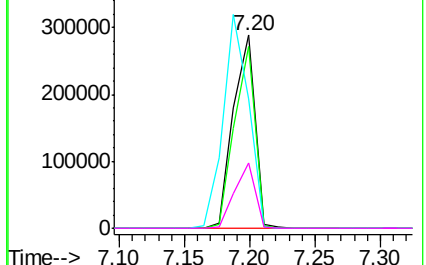
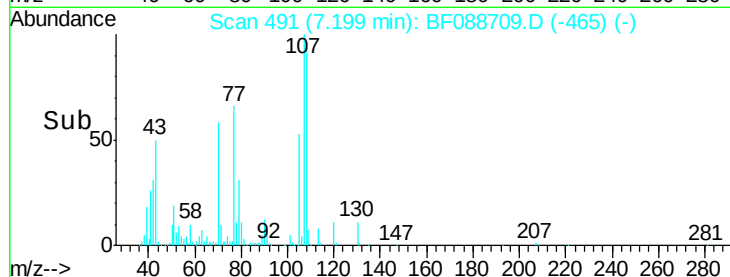
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:136 Resp: 419827

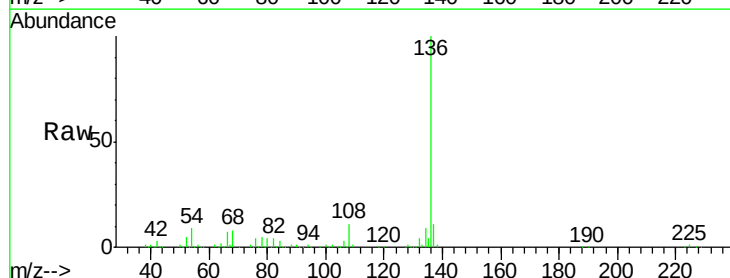
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.4 6.6 10.0

68 7.6 5.1 7.7



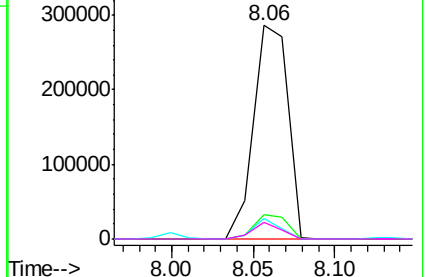
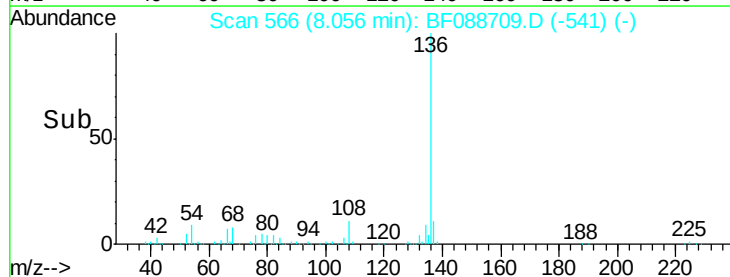
Abundance

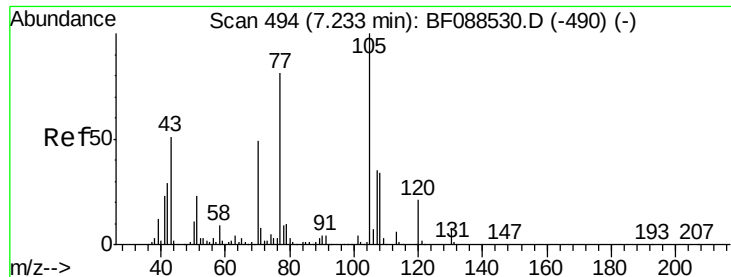
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 40.54 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

Tgt Ion:105 Resp: 413049

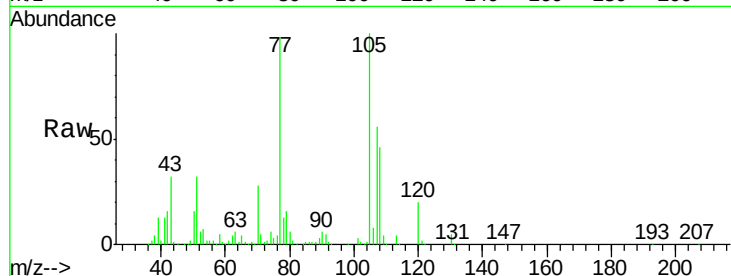
Ion Ratio Lower Upper

105 100

71 4.8 5.3 7.9#

51 32.4 18.2 27.4#

120 19.9 18.0 27.0

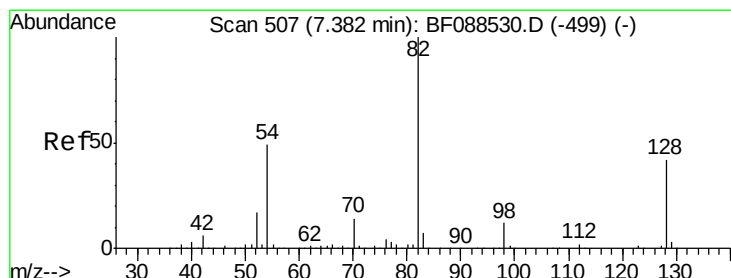
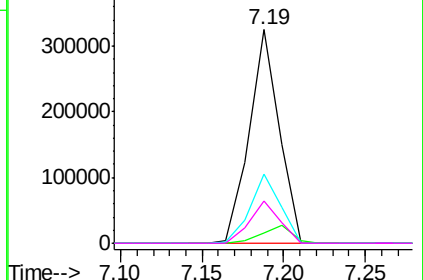
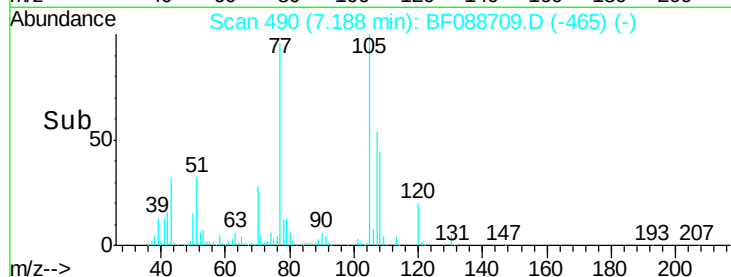


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 89.08 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

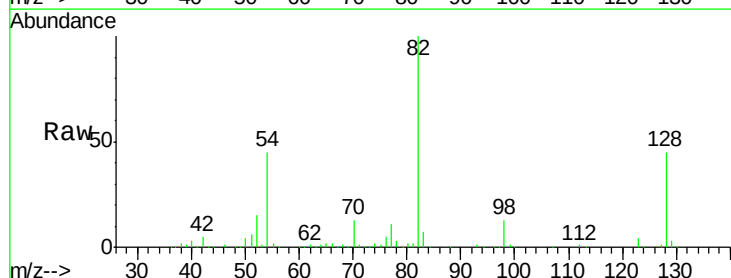
Tgt Ion: 82 Resp: 713672

Ion Ratio Lower Upper

82 100

128 45.2 35.9 53.9

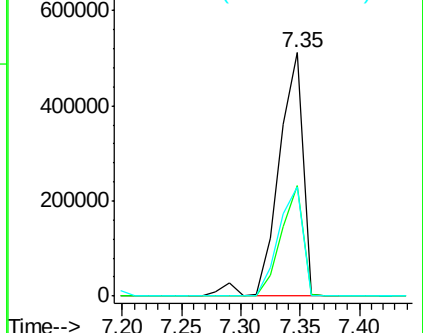
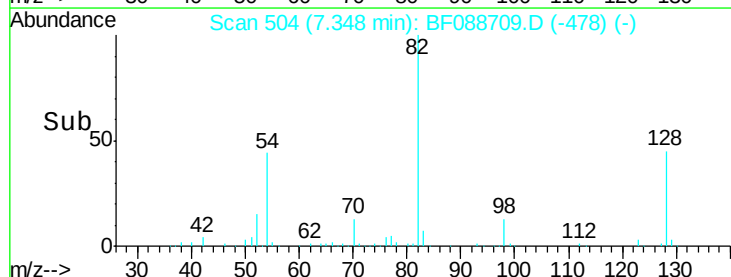
54 44.6 40.9 61.3

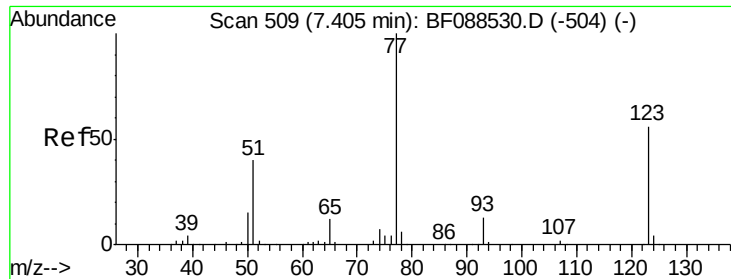


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 37.36 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

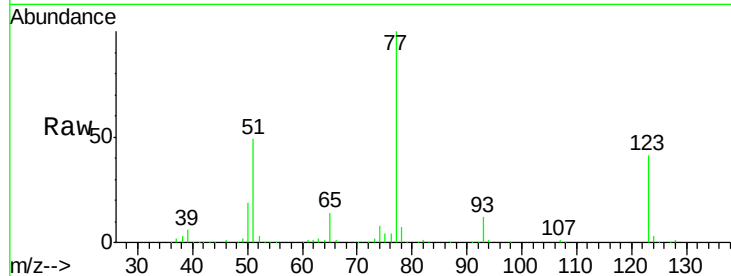
Tgt Ion: 77 Resp: 301744

Ion Ratio Lower Upper

77 100

123 41.3 45.0 67.4#

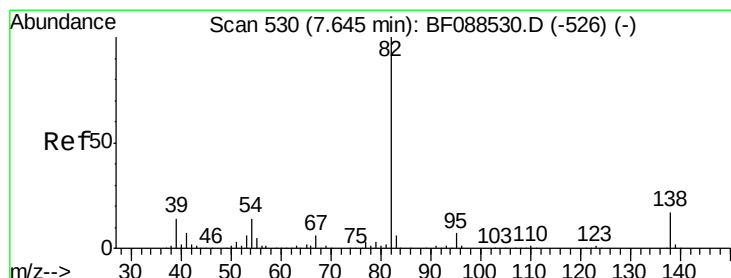
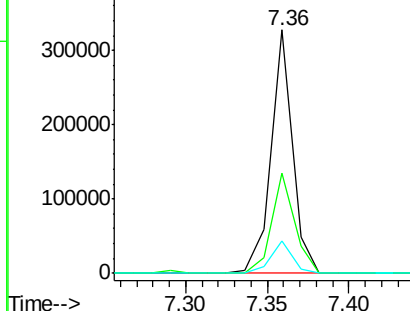
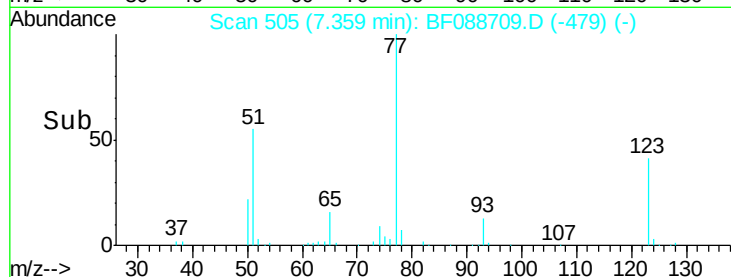
65 13.6 10.2 15.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 42.22 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

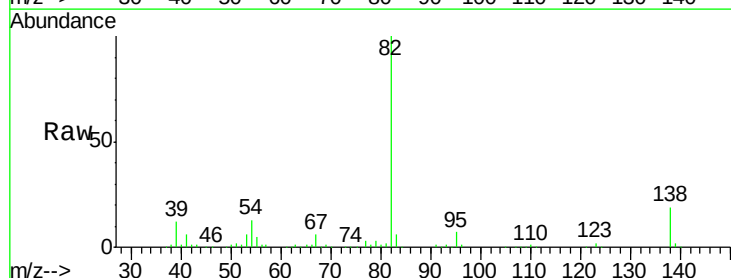
Tgt Ion: 82 Resp: 626545

Ion Ratio Lower Upper

82 100

95 7.3 5.4 8.2

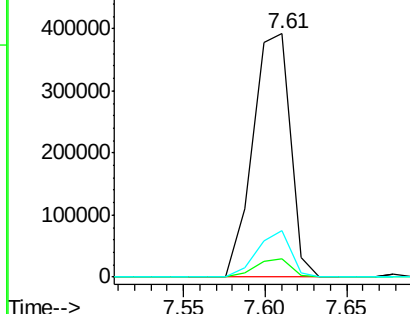
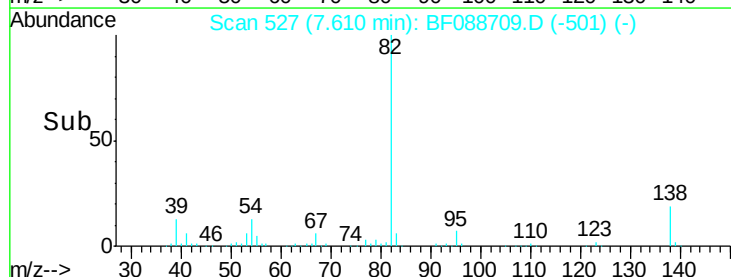
138 19.0 14.6 21.8

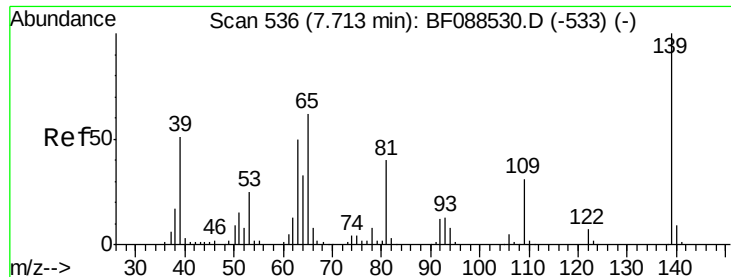


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

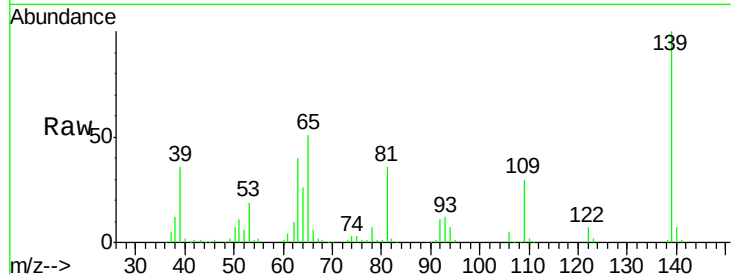




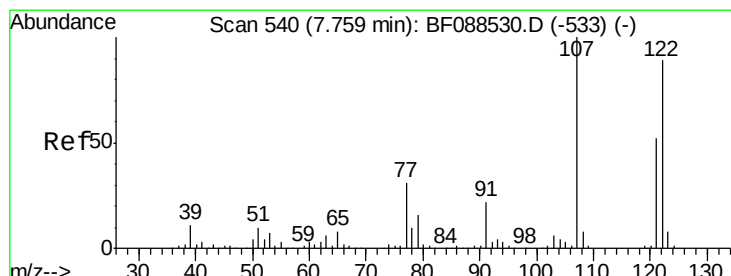
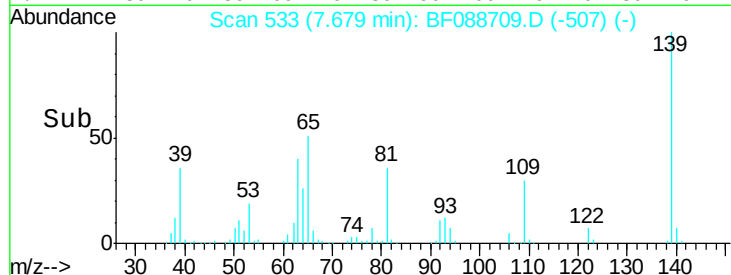
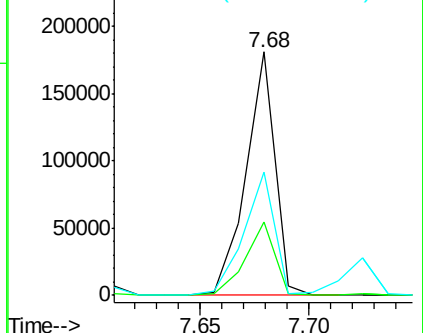
#26
2-Nitrophenol
Concen: 50.50 ng
RT: 7.68 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:139 Resp: 167264
Ion Ratio Lower Upper
139 100
109 30.4 23.0 34.4
65 50.6 45.8 68.8

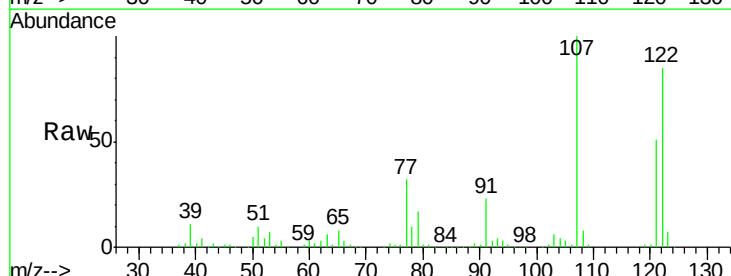


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

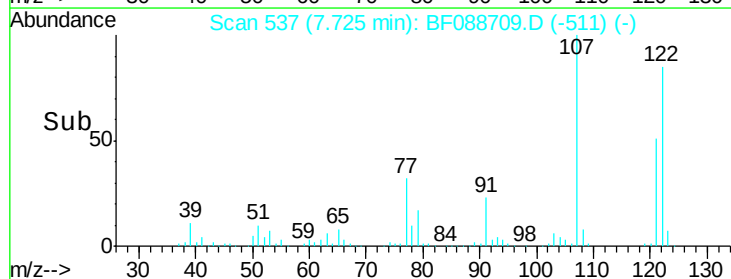
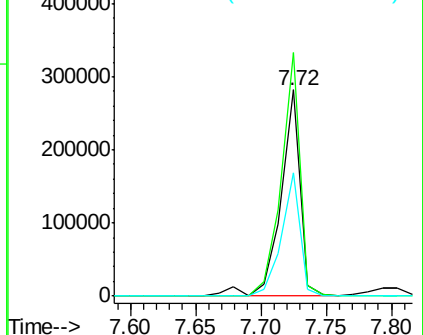


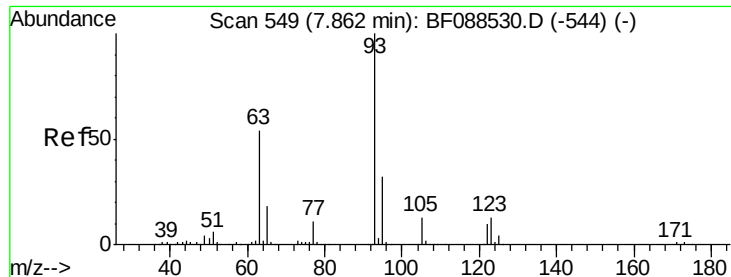
#27
2,4-Dimethylphenol
Concen: 42.82 ng
RT: 7.72 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:122 Resp: 295419
Ion Ratio Lower Upper
122 100
107 118.1 82.4 123.6
121 59.9 46.3 69.5



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

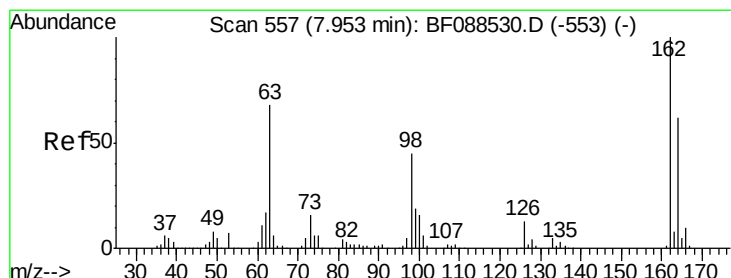
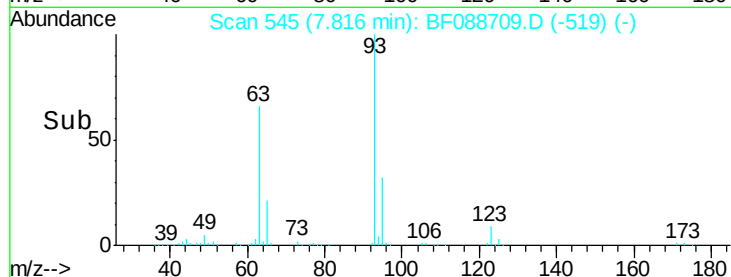
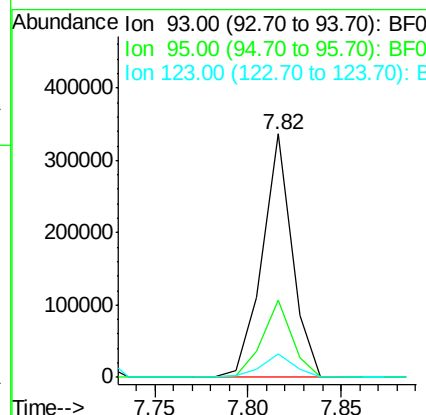
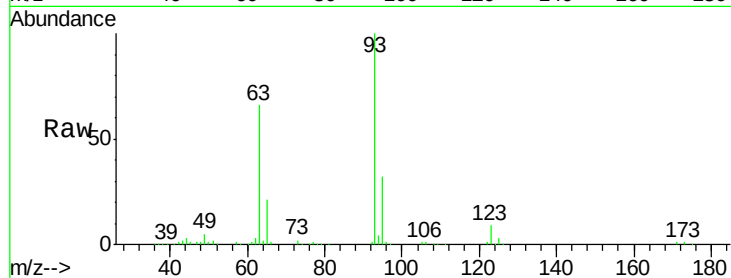




#28
 bis(2-Chloroethoxy)methane
 Concen: 38.49 ng
 RT: 7.82 min Scan# 545
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

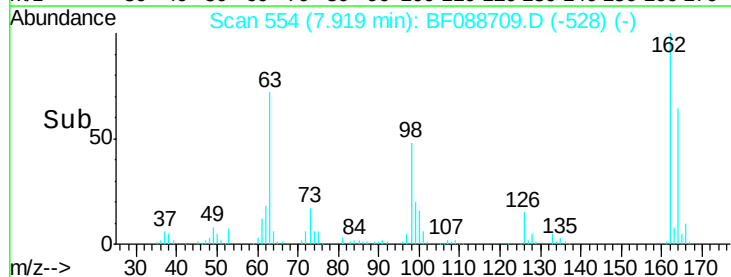
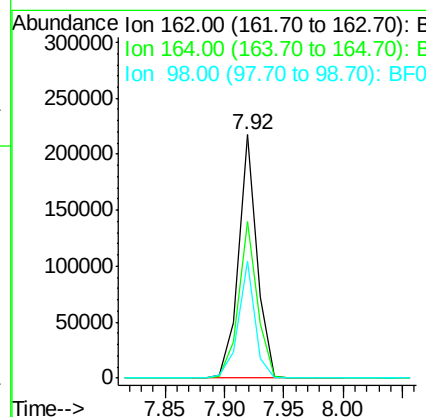
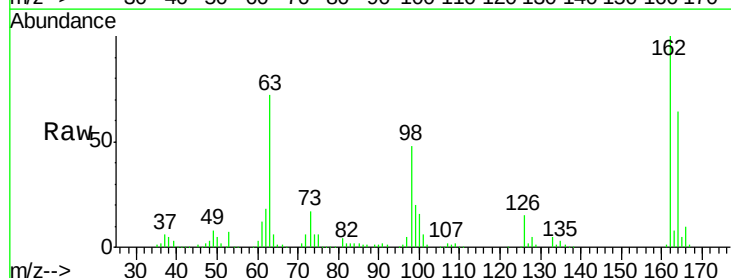
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

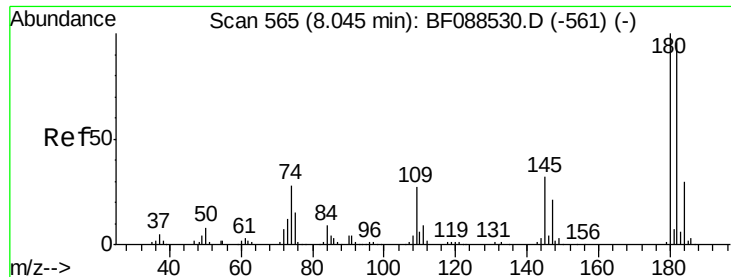
Tgt Ion: 93 Resp: 371665
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 9.5 11.6 17.4#



#29
 2,4-Dichlorophenol
 Concen: 42.51 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion: 162 Resp: 237039
 Ion Ratio Lower Upper
 162 100
 164 64.2 43.8 83.8
 98 47.8 21.3 61.3

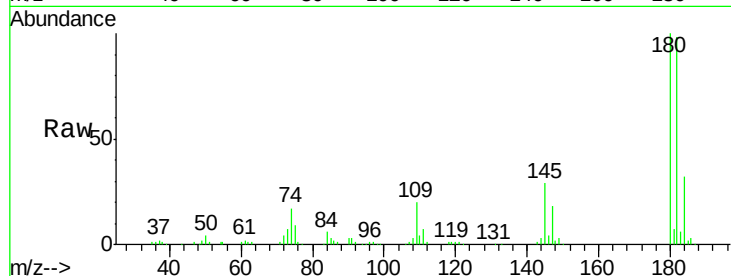




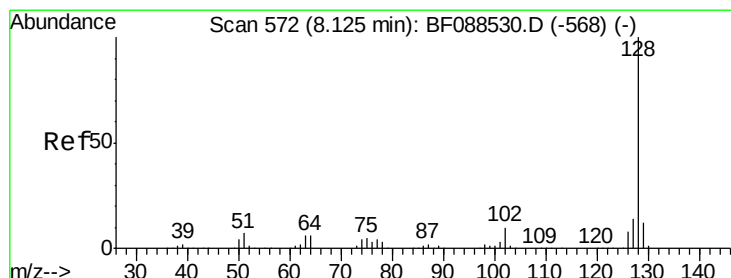
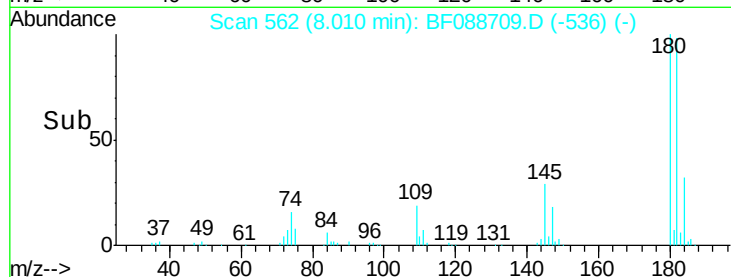
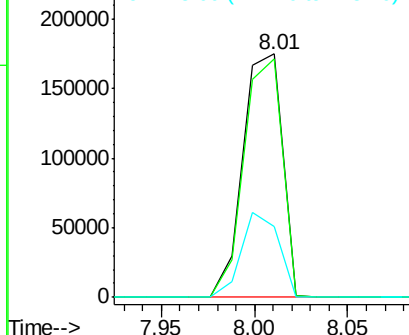
#30
1,2,4-Trichlorobenzene
Concen: 41.64 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:180 Resp: 254774
Ion Ratio Lower Upper
180 100
182 97.7 76.0 114.0
145 28.9 26.5 39.7

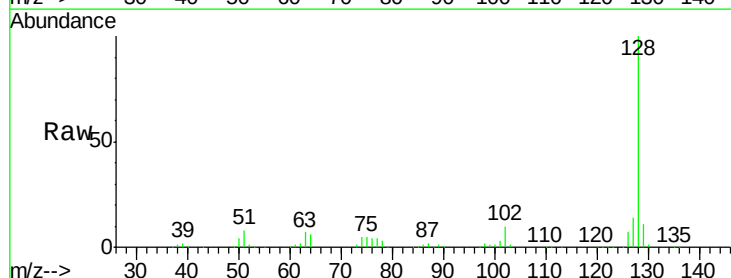


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

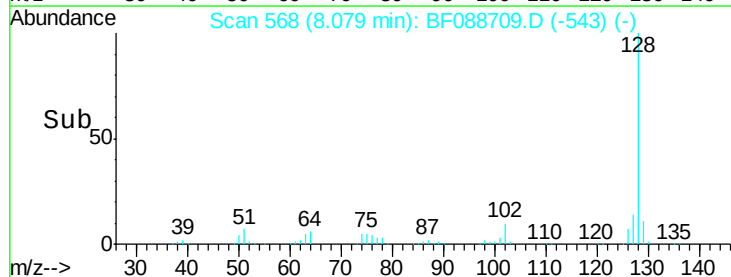
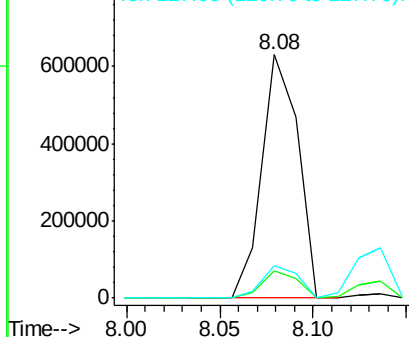


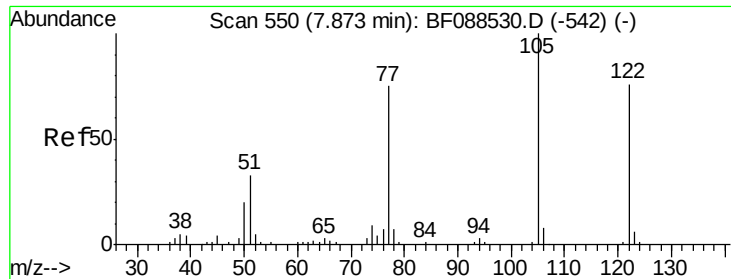
#31
Naphthalene
Concen: 40.86 ng
RT: 8.08 min Scan# 568
Delta R.T. -0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:128 Resp: 845731
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.5 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: 4.03 ng

RT: 7.79 min Scan# 543

Delta R.T. -0.07 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

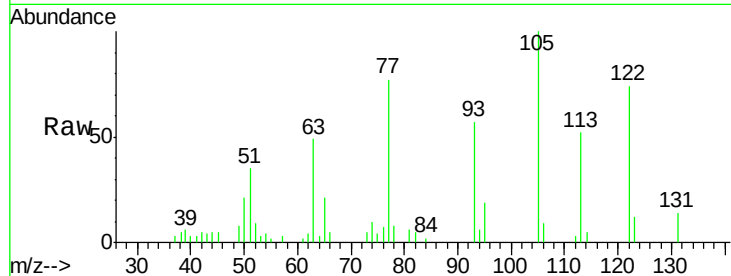
Tgt Ion:122 Resp: 20198

Ion Ratio Lower Upper

122 100

105 134.2 101.6 141.6

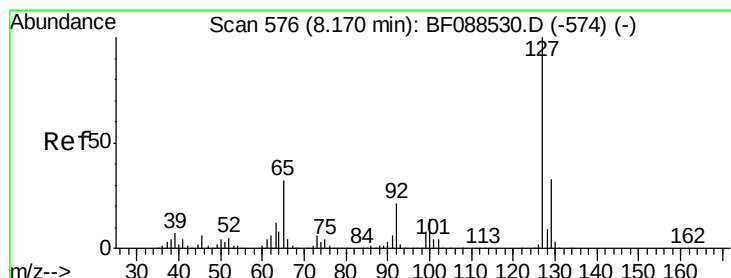
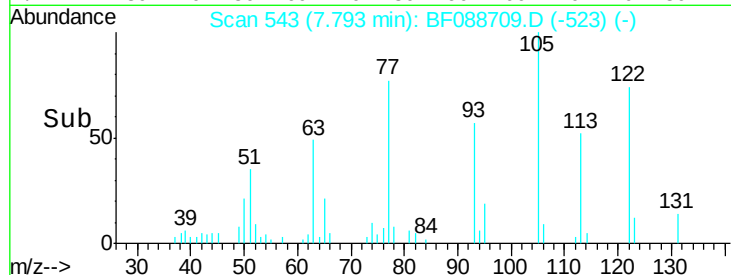
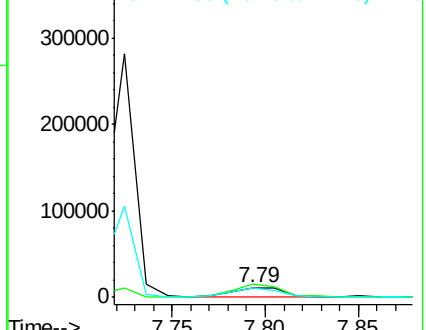
77 102.9 70.6 110.6



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: 19.16 ng

RT: 8.14 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:127 Resp: 176396

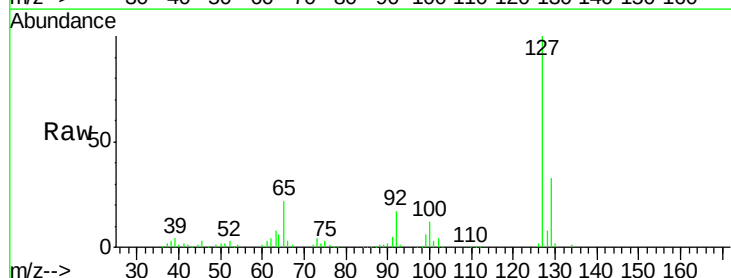
Ion Ratio Lower Upper

127 100

129 32.6 26.3 39.5

65 22.2 24.7 37.1#

92 17.0 15.4 23.0

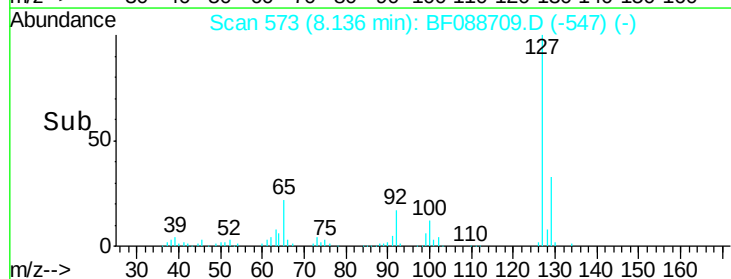
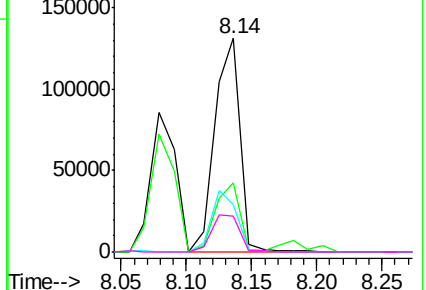


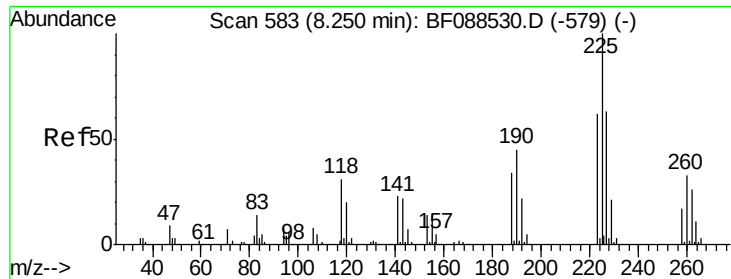
Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.56 ng

RT: 8.20 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

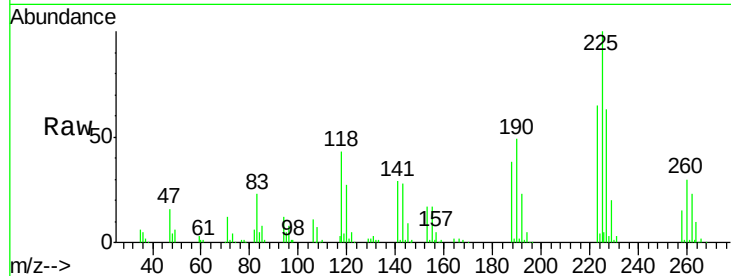
Tgt Ion:225 Resp: 136165

Ion Ratio Lower Upper

225 100

223 64.7 50.9 76.3

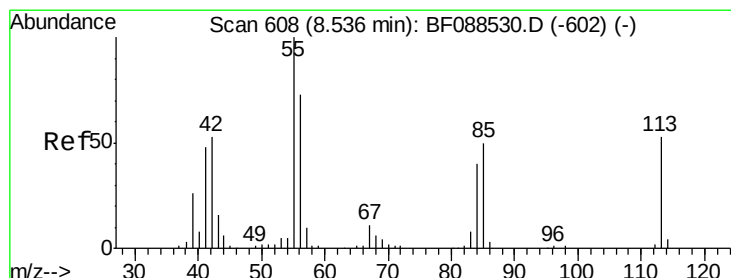
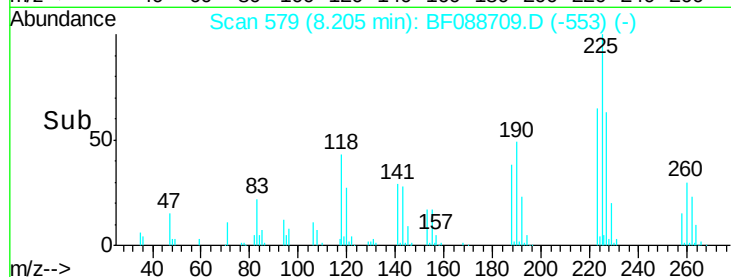
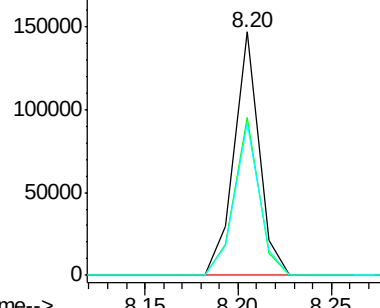
227 62.7 51.9 77.9



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: 26.10 ng

RT: 8.50 min Scan# 605

Delta R.T. -0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

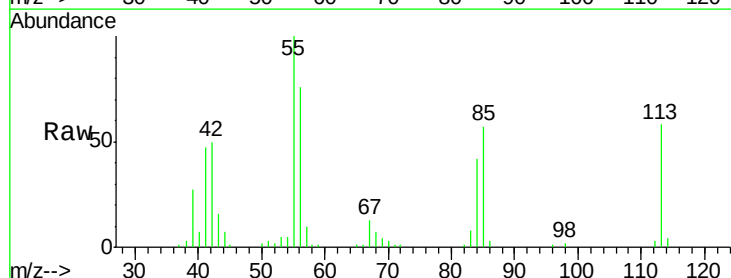
Tgt Ion:113 Resp: 49430

Ion Ratio Lower Upper

113 100

55 171.9 158.6 198.6

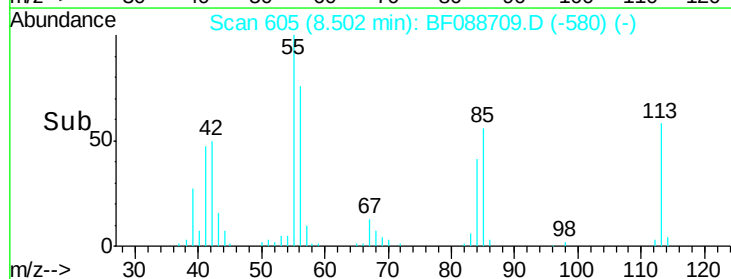
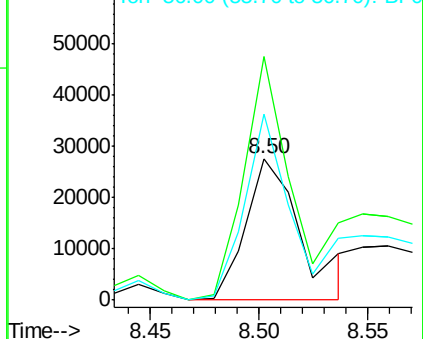
56 131.1 110.6 150.6

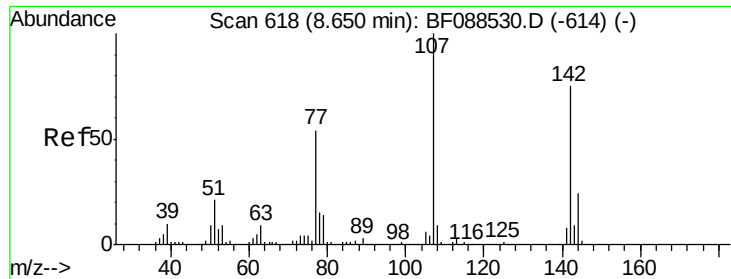


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

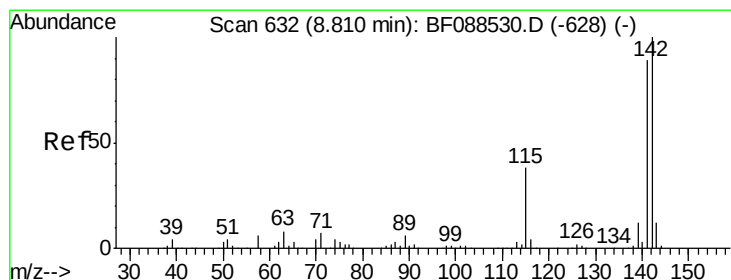
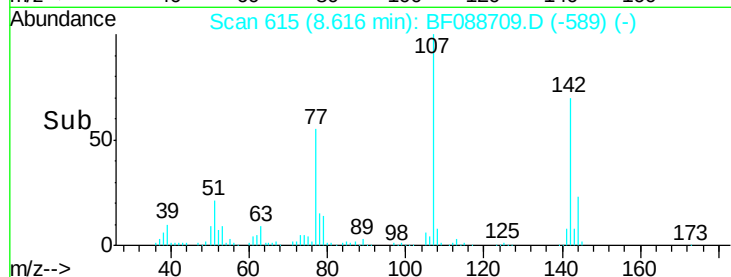
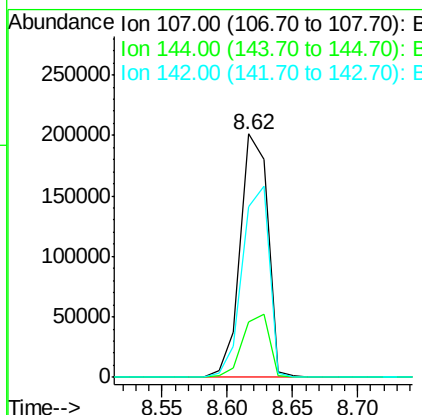
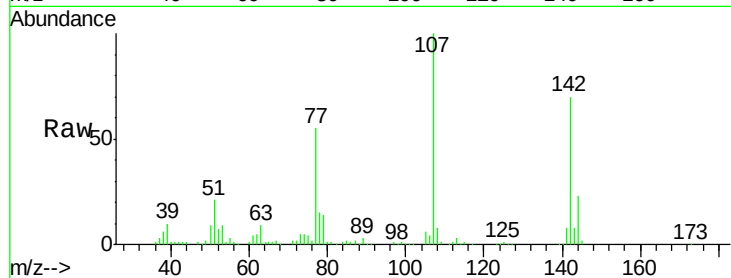




#36
 4-Chloro-3-methylphenol
 Concen: 44.67 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

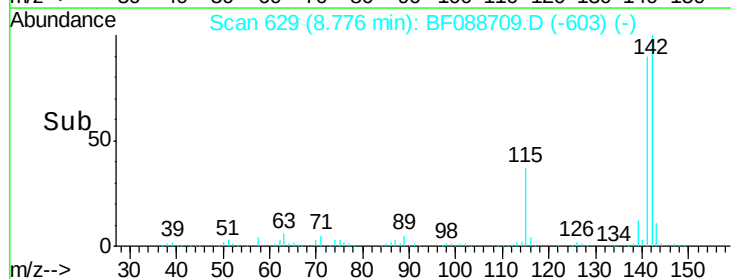
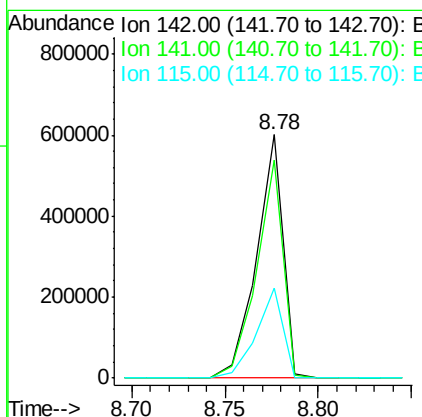
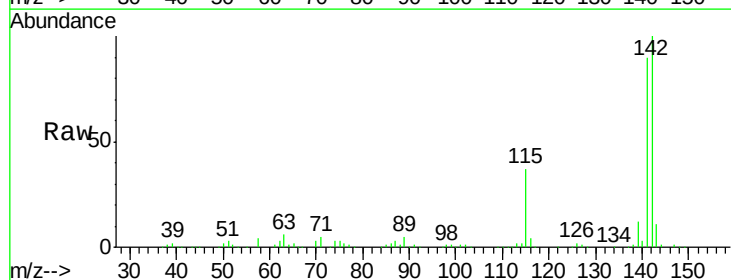
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

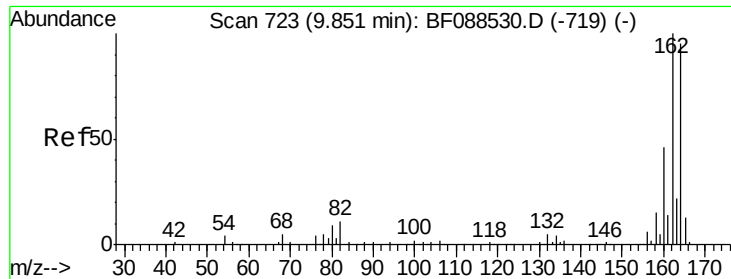
Tgt Ion:107 Resp: 294492
 Ion Ratio Lower Upper
 107 100
 144 22.7 20.8 31.2
 142 70.3 63.4 95.2



#37
 2-Methylnaphthalene
 Concen: 44.81 ng
 RT: 8.78 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:142 Resp: 597188
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.0 106.6
 115 36.9 22.6 33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

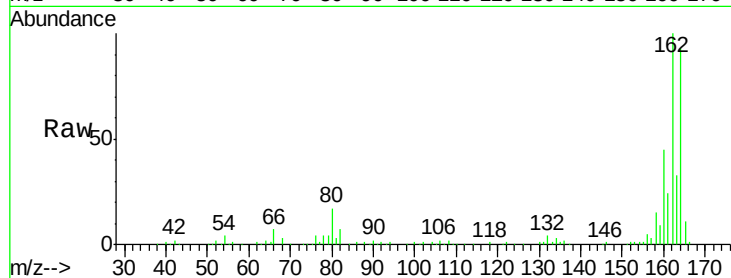
Tgt Ion:164 Resp: 210826

Ion Ratio Lower Upper

164 100

162 108.0 85.4 128.2

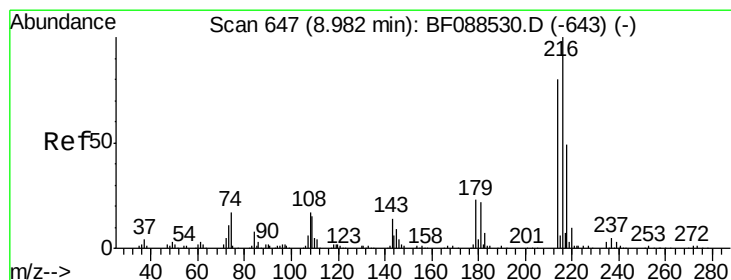
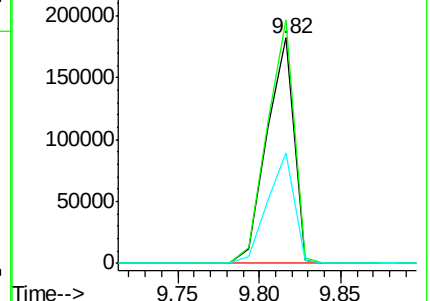
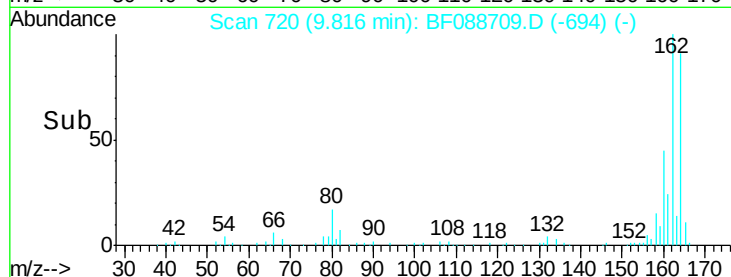
160 48.9 39.5 59.3



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: 32.89 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Tgt Ion:216 Resp: 230637

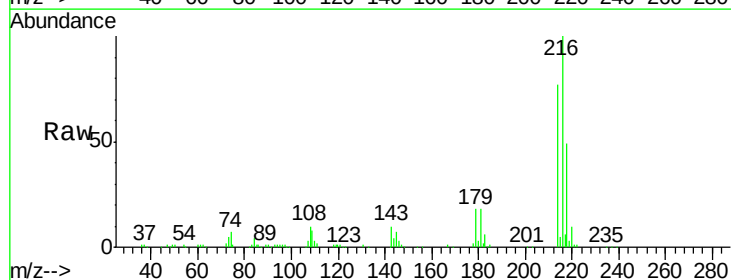
Ion Ratio Lower Upper

216 100

214 78.9 2.9 4.3#

179 21.9 0.0 0.0#

108 23.1 0.5 0.7#

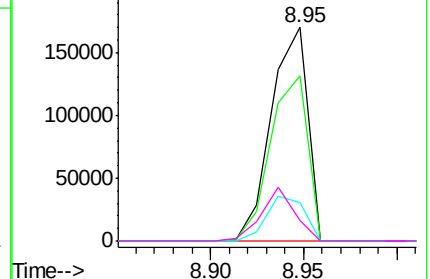
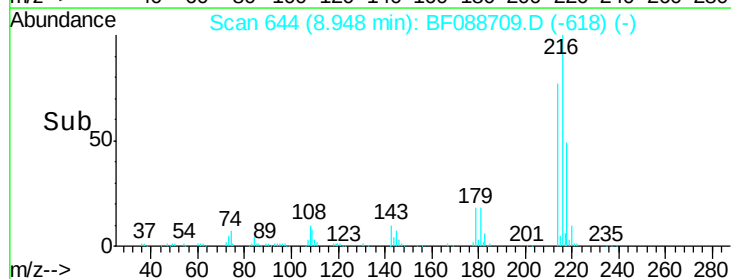


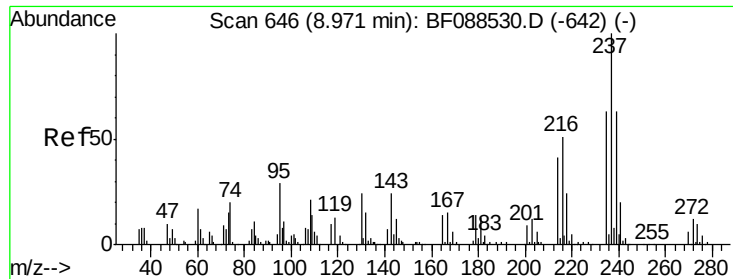
Abundance Ion 216.00 (215.70 to 216.70): E

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

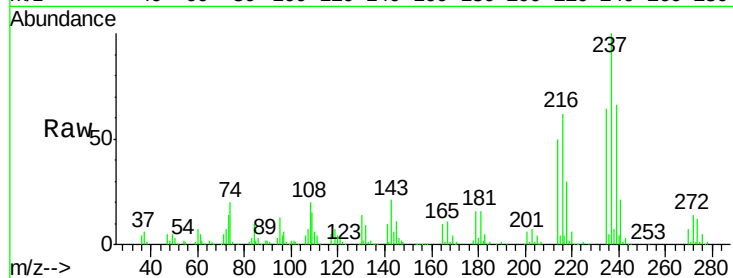




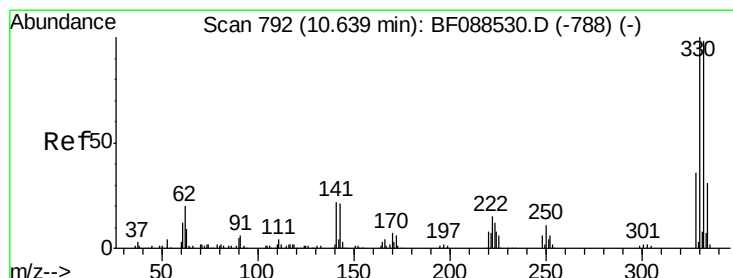
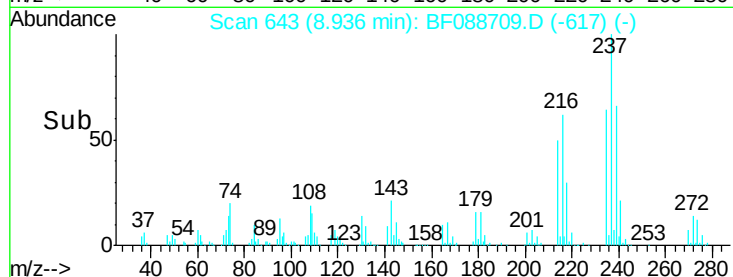
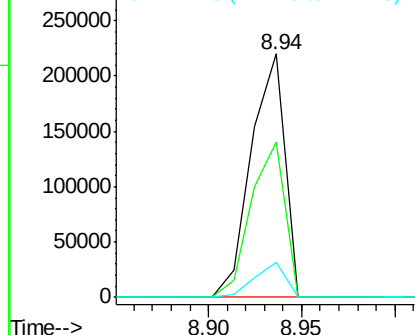
#40
Hexachlorocyclopentadiene
Concen: 79.55 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion: 237 Resp: 273777
Ion Ratio Lower Upper
237 100
235 63.7 43.4 83.4
272 14.4 0.0 32.3

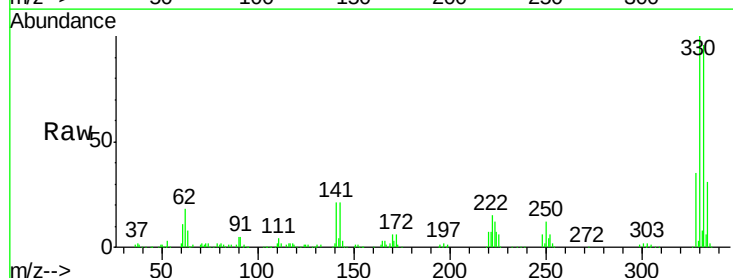


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

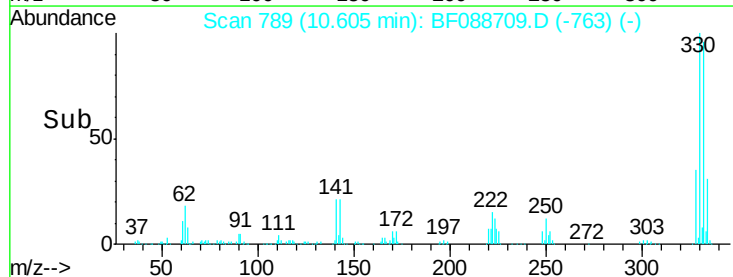
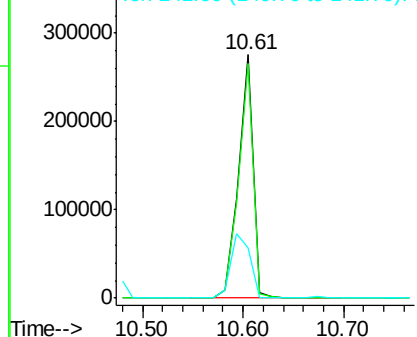


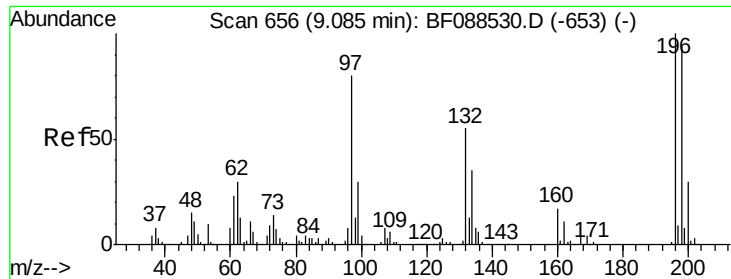
#41
2,4,6-Tribromophenol
Concen: 142.84 ng
RT: 10.61 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion: 330 Resp: 279637
Ion Ratio Lower Upper
330 100
332 96.4 0.0 0.0#
141 34.7 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

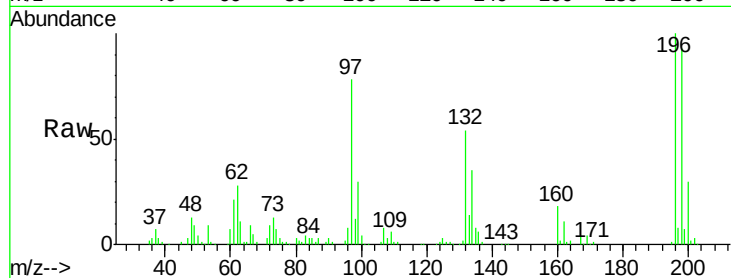




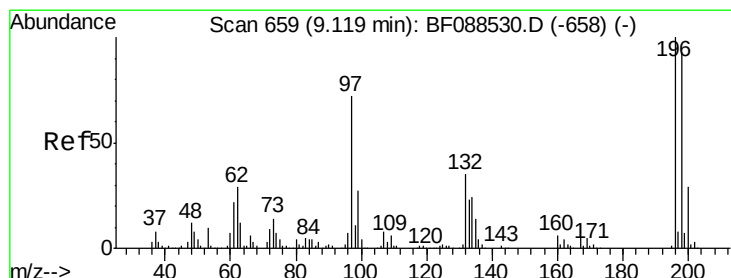
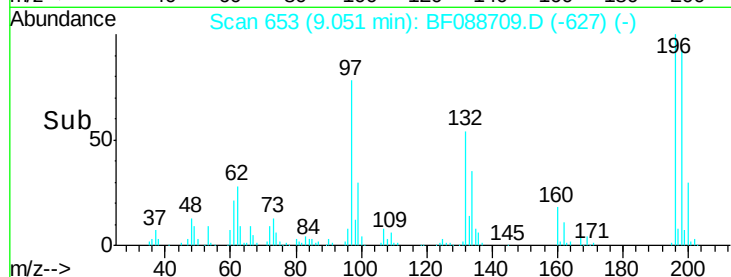
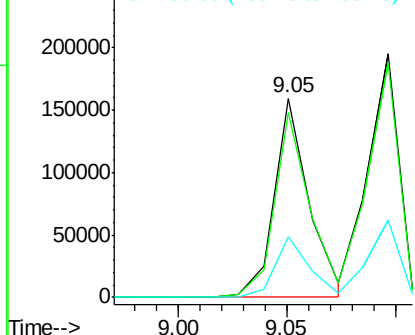
#42
2,4,6-Trichlorophenol
Concen: 38.60 ng
RT: 9.05 min Scan# 653
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:196 Resp: 178457
Ion Ratio Lower Upper
196 100
198 92.7 78.0 117.0
200 30.2 25.4 38.2



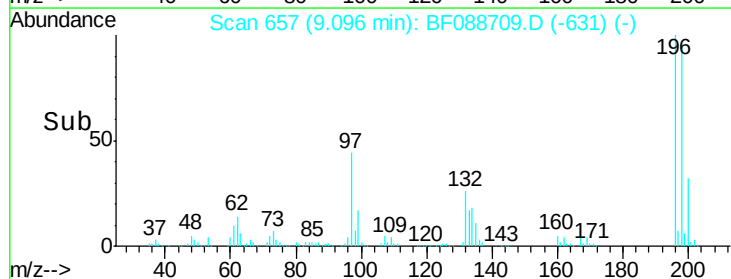
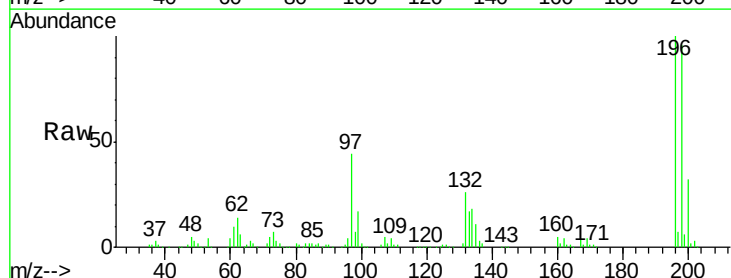
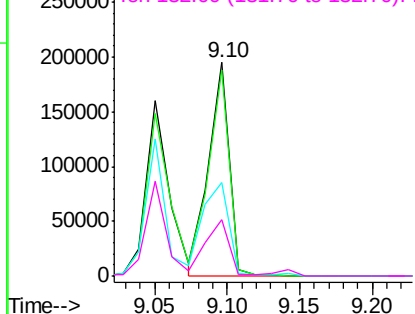
Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

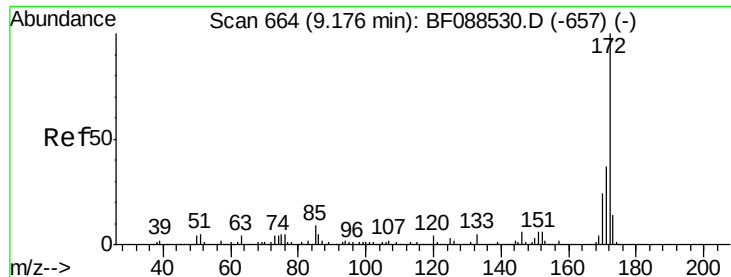


#43
2,4,5-Trichlorophenol
Concen: 48.70 ng
RT: 9.10 min Scan# 657
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:196 Resp: 193707
Ion Ratio Lower Upper
196 100
198 96.3 77.5 116.3
97 43.7 32.0 48.0
132 26.5 20.9 31.3

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





#44

2-Fluorobiphenyl

Concen: 87.13 ng

RT: 9.14 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

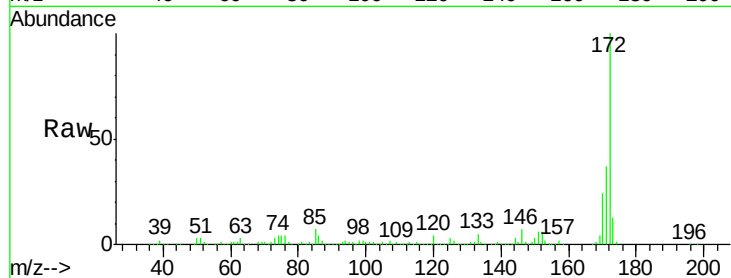
Tgt Ion:172 Resp: 1162858

Ion Ratio Lower Upper

172 100

171 36.7 28.6 43.0

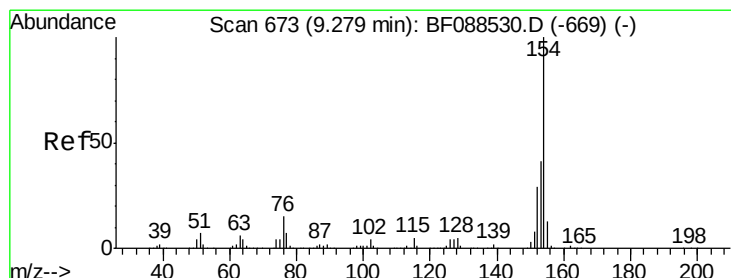
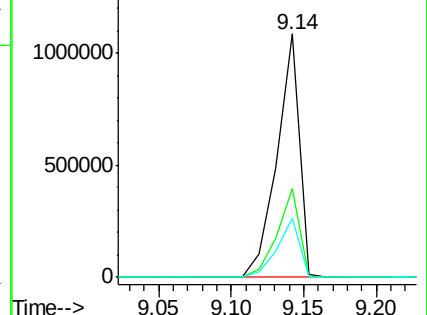
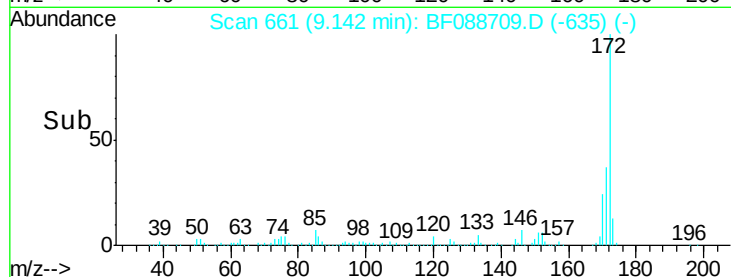
170 24.5 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 38.69 ng

RT: 9.24 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

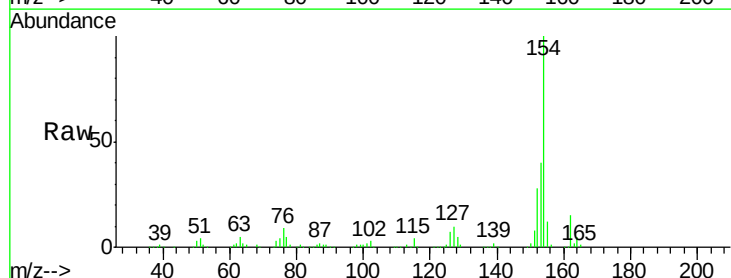
Tgt Ion:154 Resp: 675398

Ion Ratio Lower Upper

154 100

153 40.4 20.6 60.6

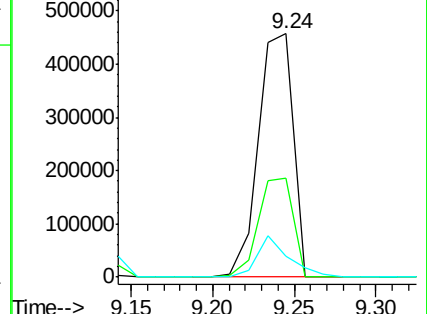
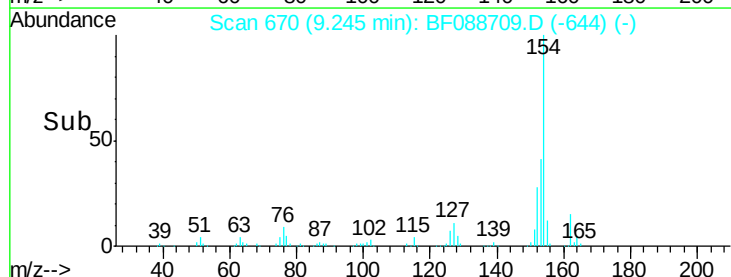
76 8.5 0.0 35.1

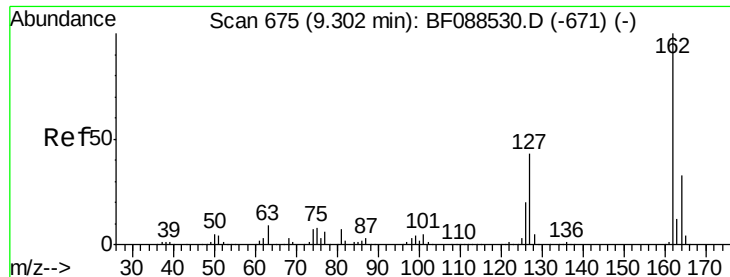


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

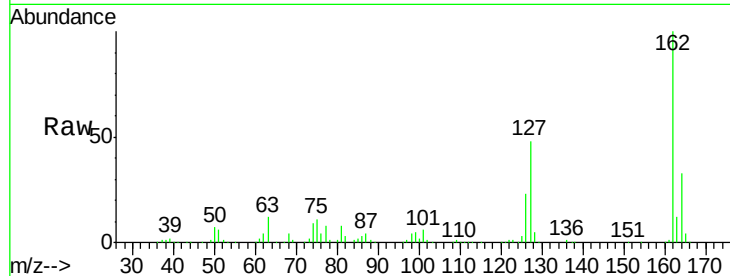




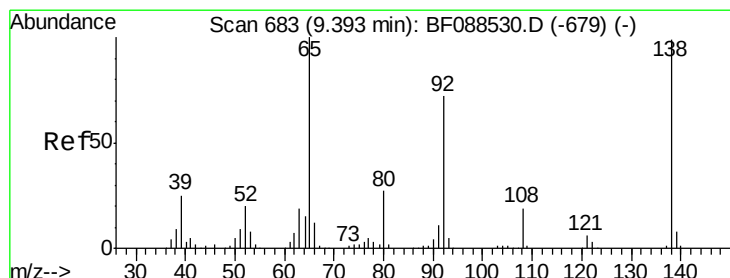
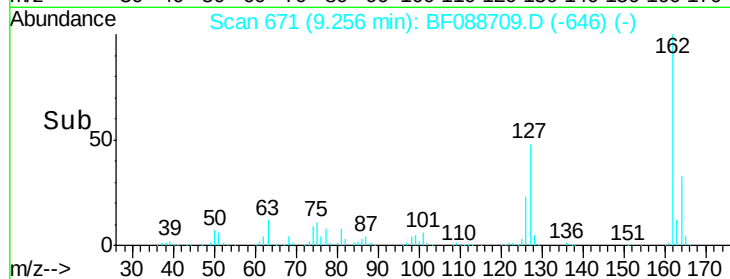
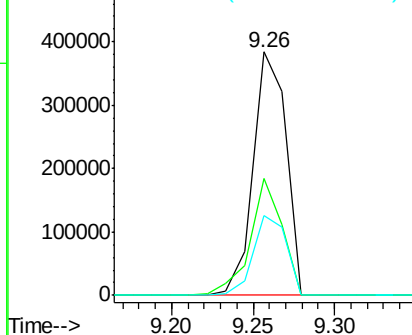
#46
 2-Chloronaphthalene
 Concen: 39.17 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tgt Ion: 162 Resp: 536841
 Ion Ratio Lower Upper
 162 100
 127 48.1 35.2 52.8
 164 32.5 26.6 39.8

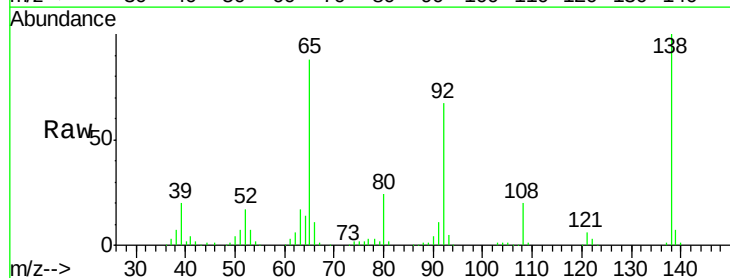


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

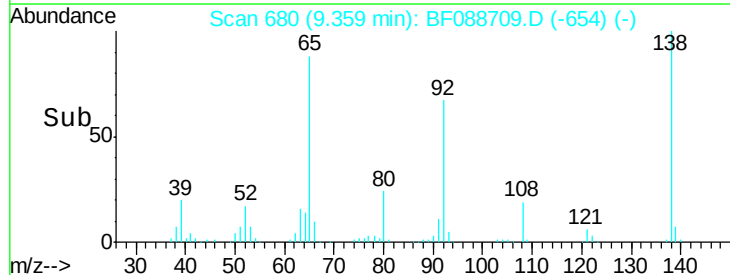
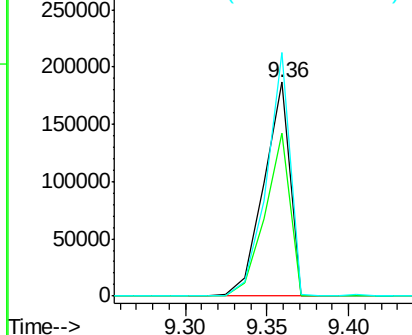


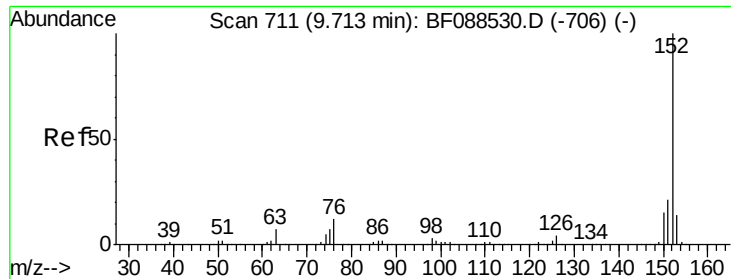
#47
 2-Nitroaniline
 Concen: 42.90 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion: 65 Resp: 208642
 Ion Ratio Lower Upper
 65 100
 92 75.9 54.6 82.0
 138 113.8 77.0 115.4



Abundance Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.04 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

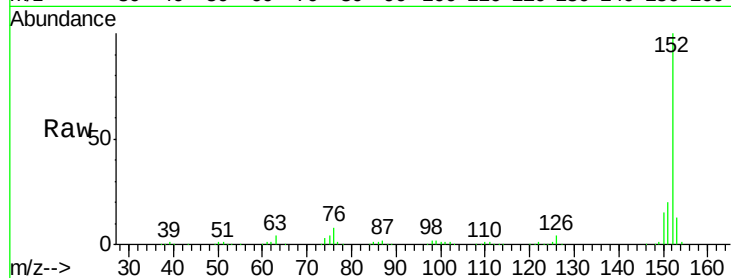
Tgt Ion:152 Resp: 916656

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.4

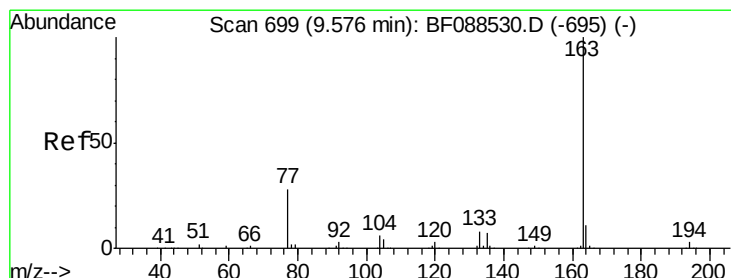
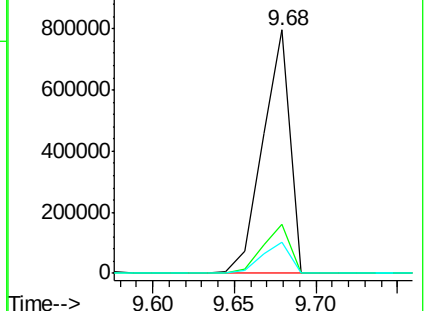
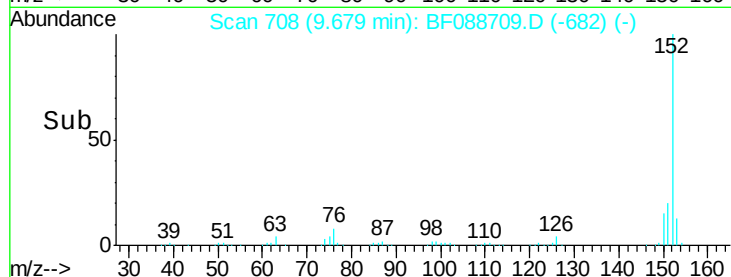
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 40.85 ng

RT: 9.54 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

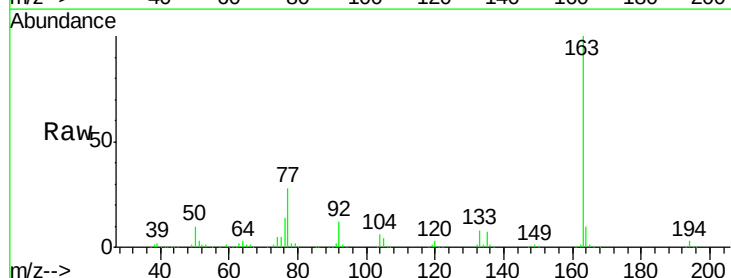
Tgt Ion:163 Resp: 613559

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

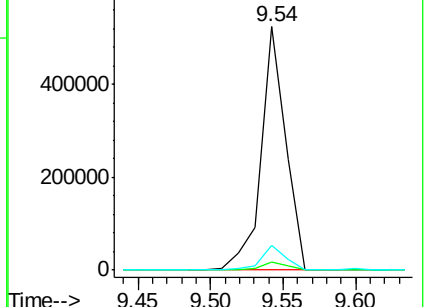
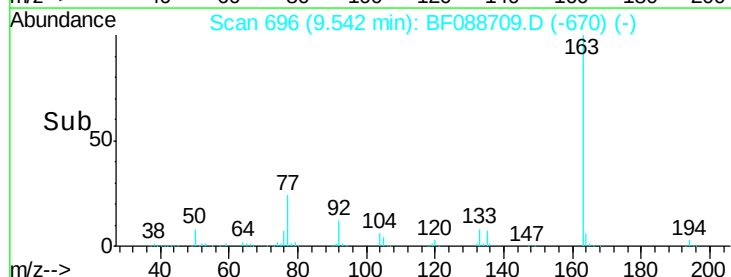
164 10.2 8.3 12.5

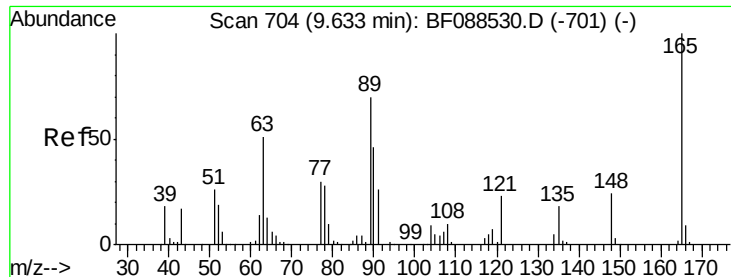


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

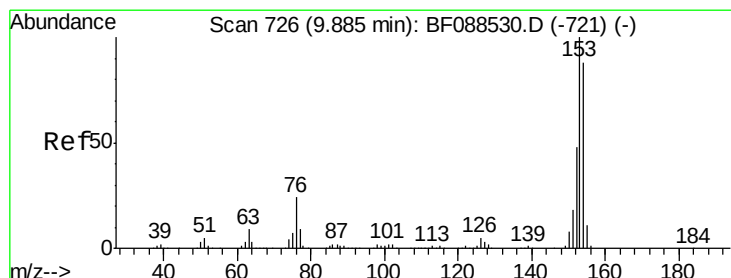
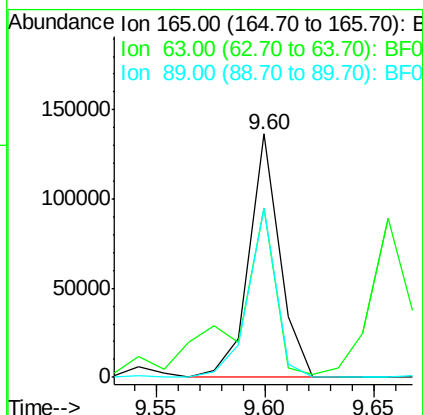
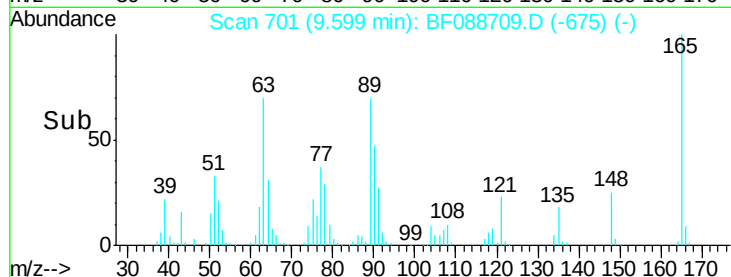
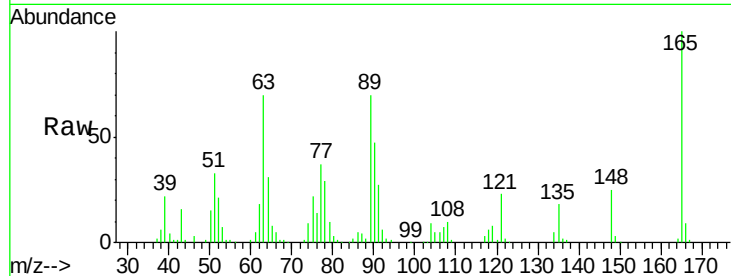




#50
2,6-Dinitrotoluene
Concen: 40.36 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

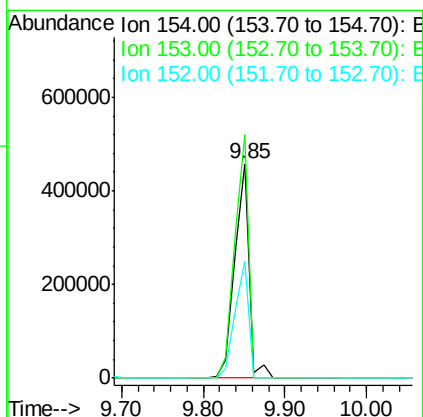
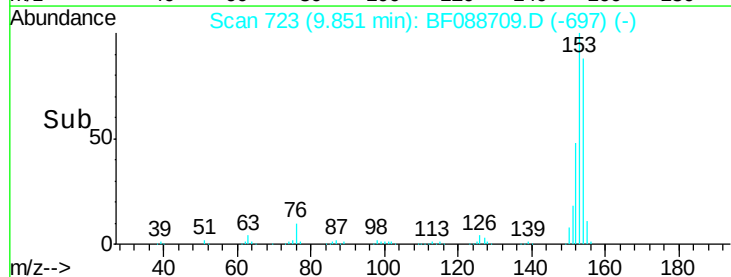
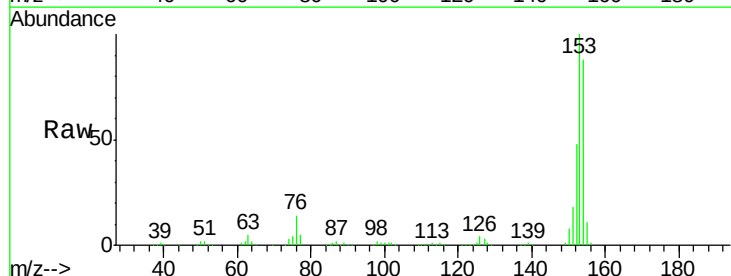
Instrument :
BNA_F
ClientSampleId :
PB91727BS

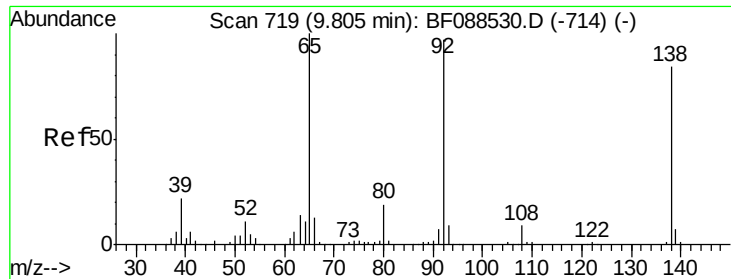
Tgt Ion:165 Resp: 134354
Ion Ratio Lower Upper
165 100
63 69.5 28.1 42.1#
89 69.6 32.2 48.2#



#51
Acenaphthene
Concen: 42.34 ng
RT: 9.85 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:154 Resp: 565888
Ion Ratio Lower Upper
154 100
153 113.4 89.5 134.3
152 54.4 42.7 64.1





#52

3-Nitroaniline

Concen: 22.64 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

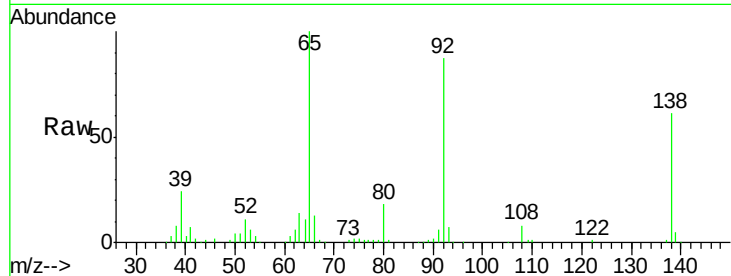
Tgt Ion:138 Resp: 95820

Ion Ratio Lower Upper

138 100

108 12.3 8.5 12.7

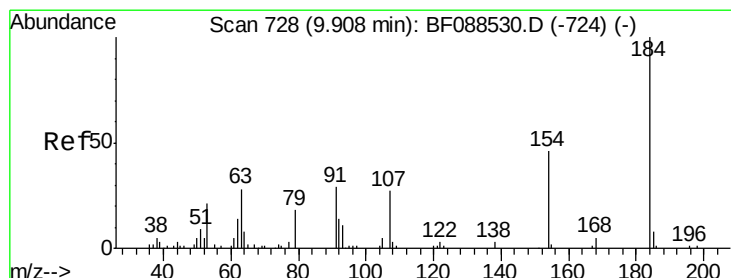
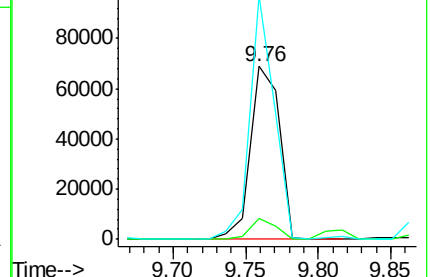
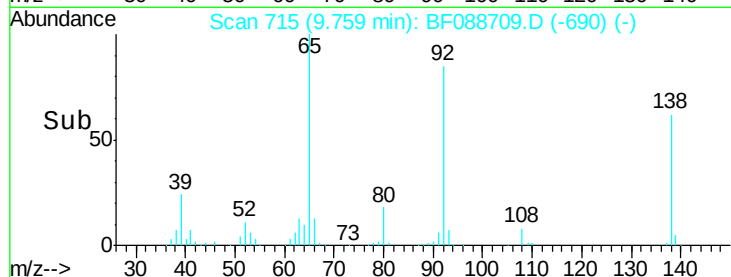
92 141.0 95.7 143.5



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: 29.98 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

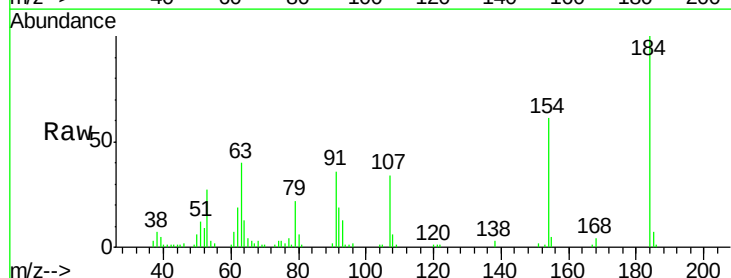
Tgt Ion:184 Resp: 44060

Ion Ratio Lower Upper

184 100

63 39.6 57.6 86.4#

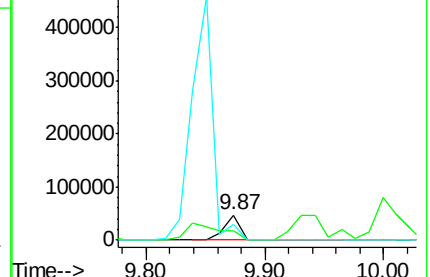
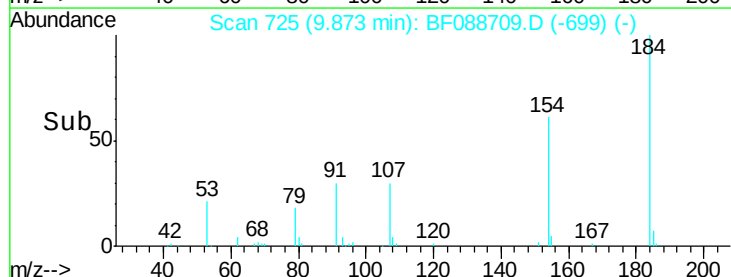
154 60.5 53.5 80.3

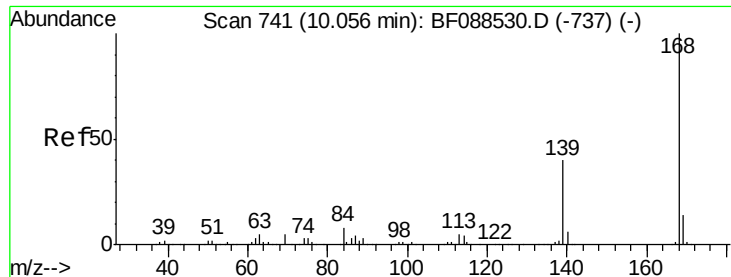


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

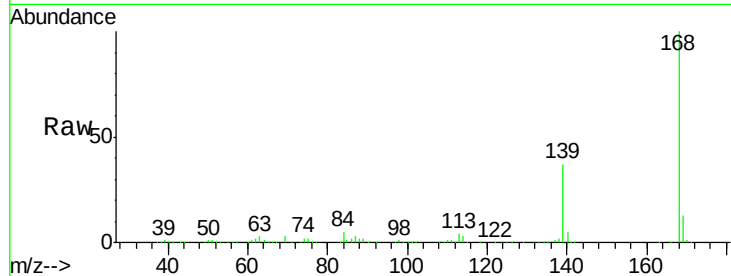




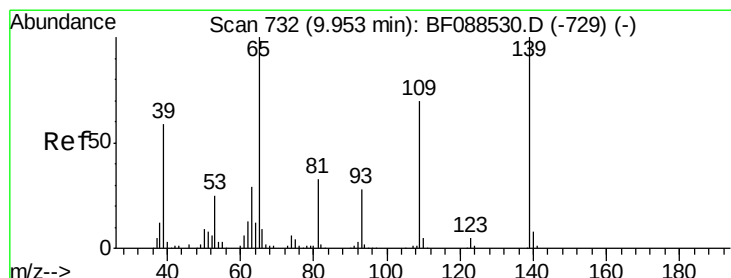
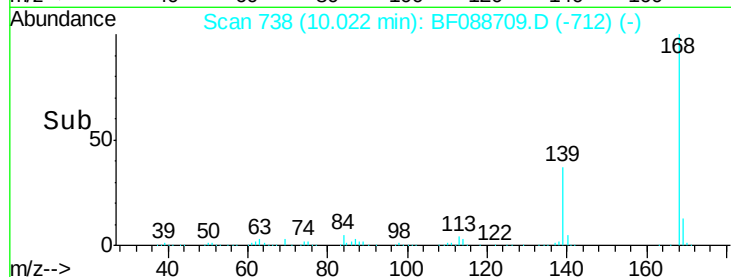
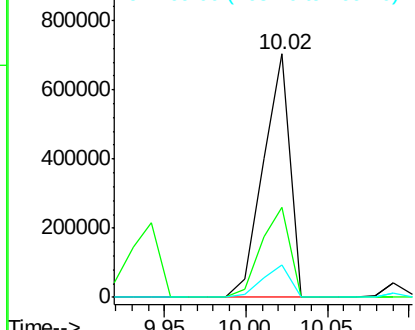
#54
Dibenzenofuran
Concen: 45.63 ng
RT: 10.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:168 Resp: 798352
Ion Ratio Lower Upper
168 100
139 37.2 26.4 39.6
169 13.1 10.4 15.6

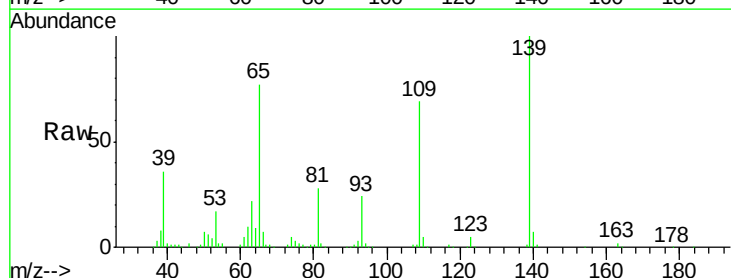


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

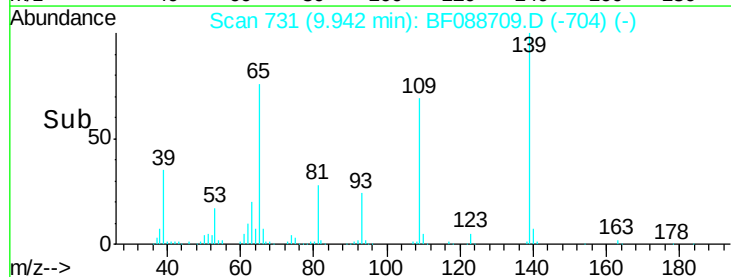
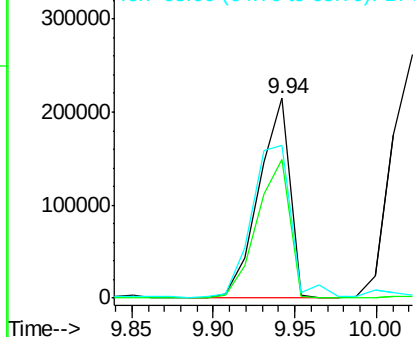


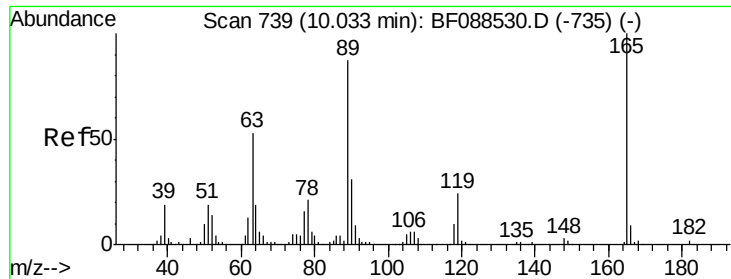
#55
4-Nitrophenol
Concen: 88.30 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.01 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:139 Resp: 283947
Ion Ratio Lower Upper
139 100
109 69.5 48.9 88.9
65 76.5 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: 44.23 ng

RT: 10.00 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

Tgt Ion:165 Resp: 192493

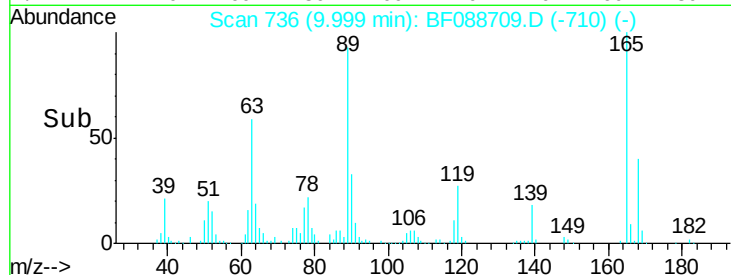
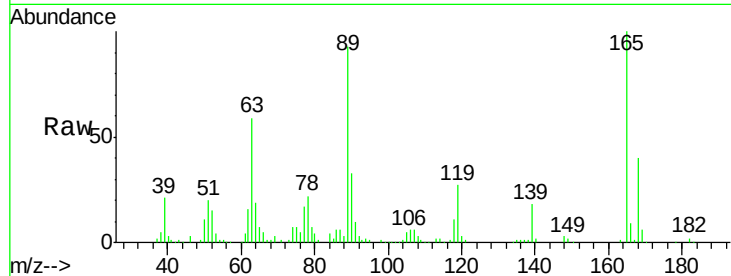
Ion Ratio Lower Upper

165 100

63 58.7 22.0 33.0#

89 92.8 41.1 61.7#

182 2.3 2.0 3.0

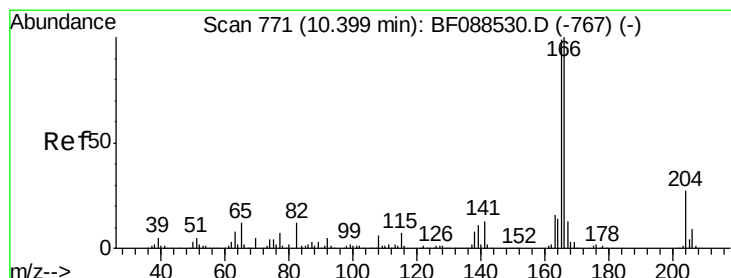
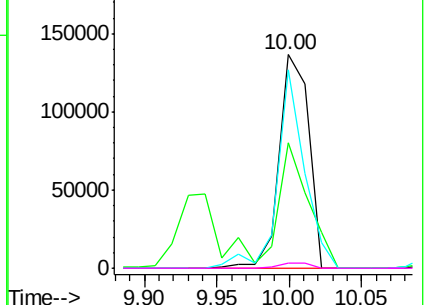


Abundance Ion 165.00 (164.70 to 165.70): E

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: 42.34 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

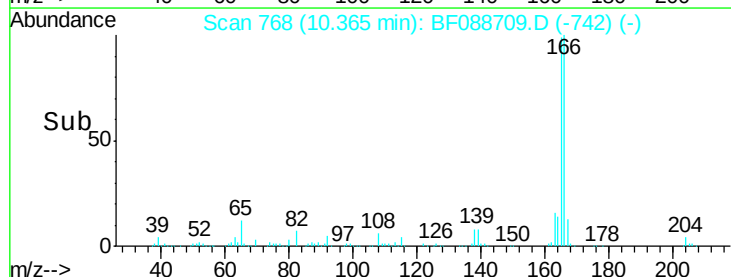
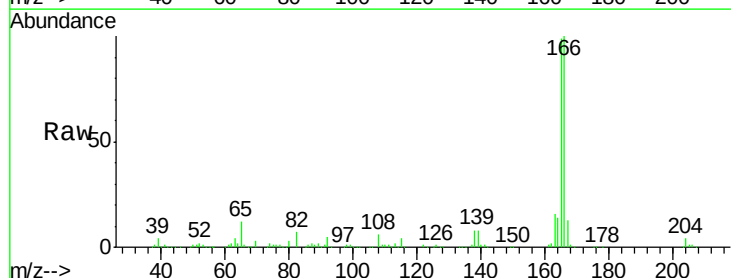
Tgt Ion:166 Resp: 570908

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

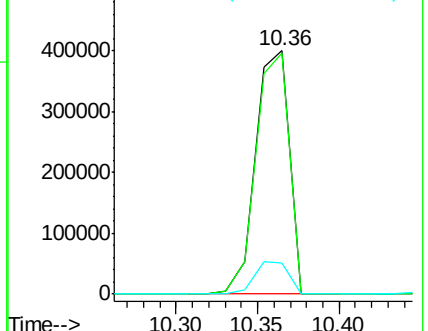
167 13.0 11.2 16.8

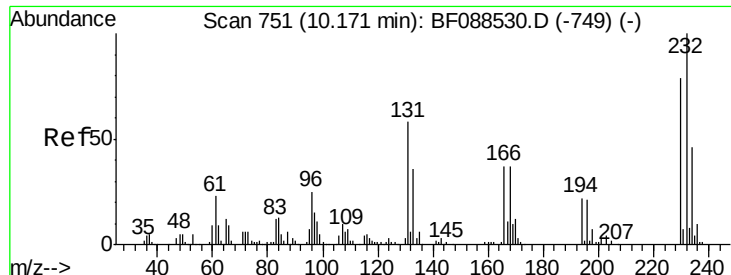


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

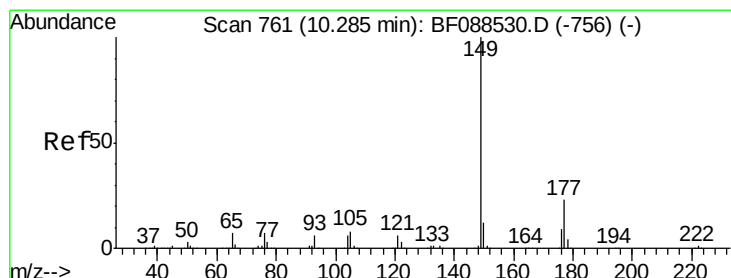
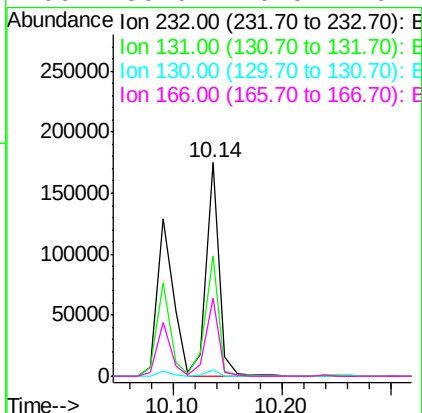
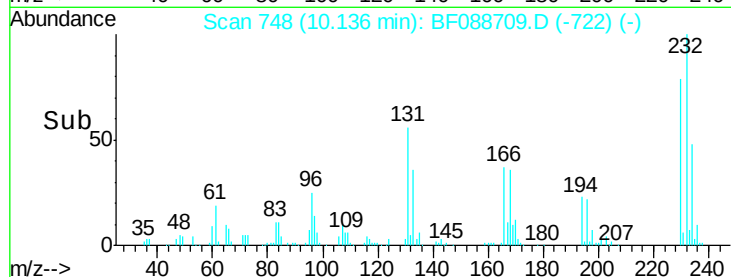
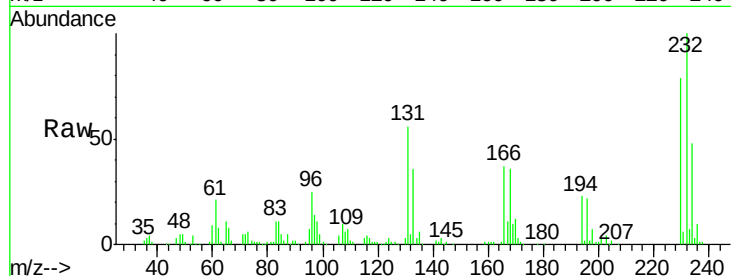




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.86 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

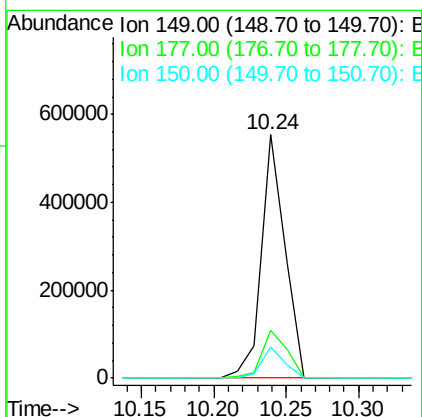
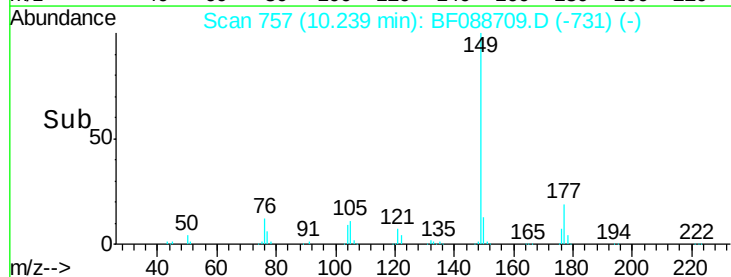
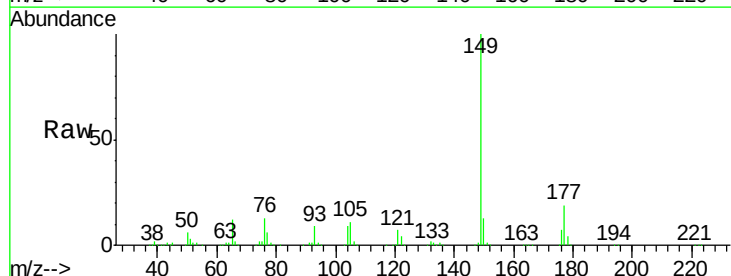
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

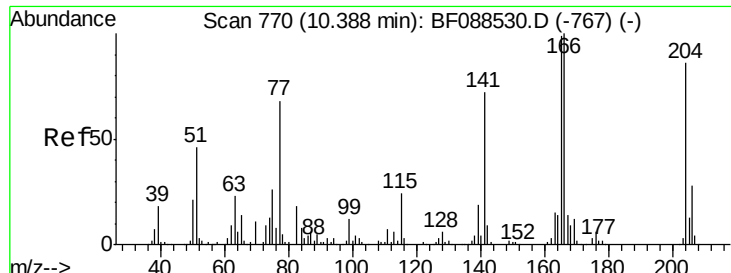
Tgt Ion: 232 Resp: 147296
 Ion Ratio Lower Upper
 232 100
 131 57.8 0.9 1.3#
 130 2.9 1.5 2.3#
 166 36.6 0.5 0.7#



#59
 Diethylphthalate
 Concen: 41.14 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion: 149 Resp: 620089
 Ion Ratio Lower Upper
 149 100
 177 19.4 16.9 25.3
 150 13.0 10.1 15.1

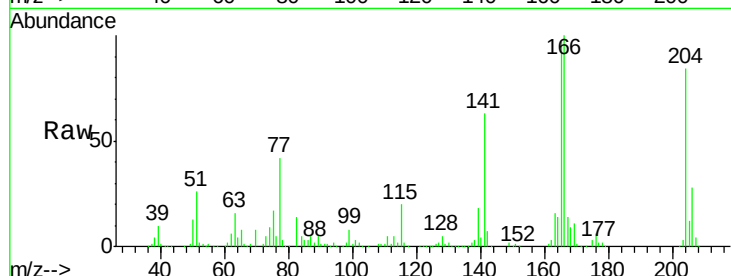




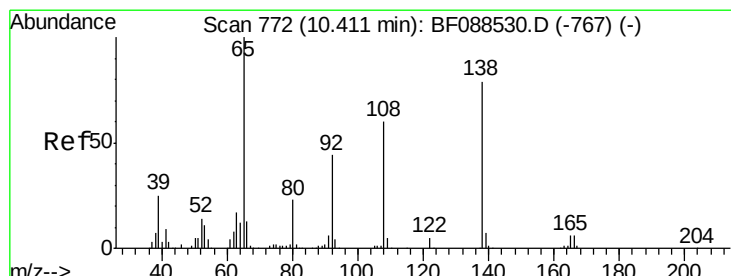
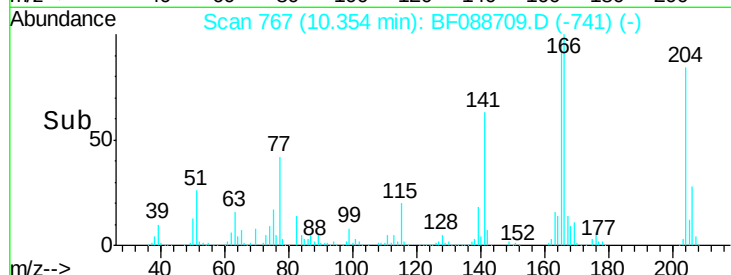
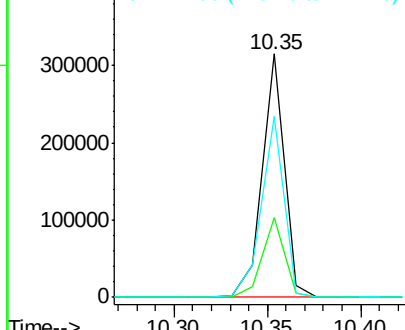
#60
 4-Chlorophenyl-phenylether
 Concen: 41.10 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tgt Ion:204 Resp: 257465
 Ion Ratio Lower Upper
 204 100
 206 32.8 26.3 39.5
 141 74.4 55.0 82.6

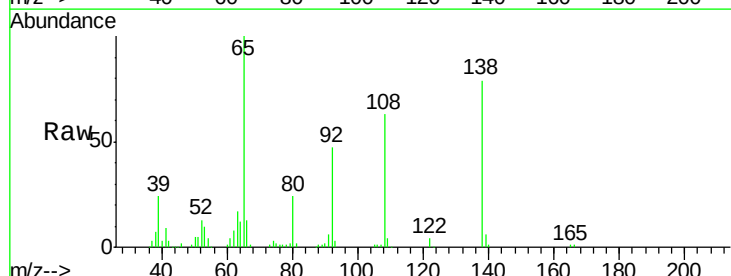


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

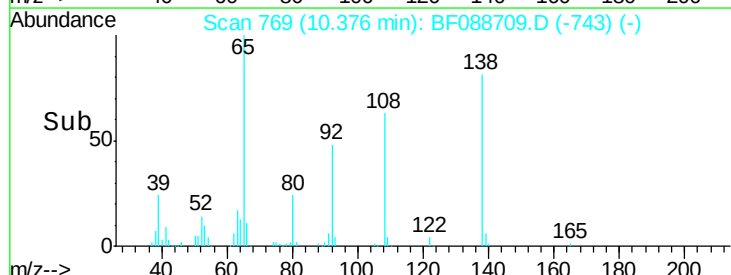
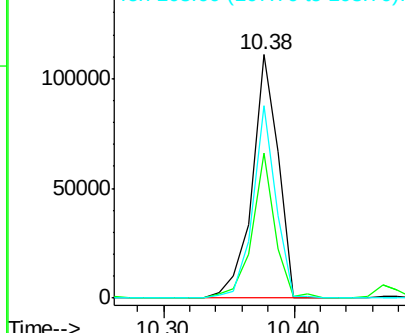


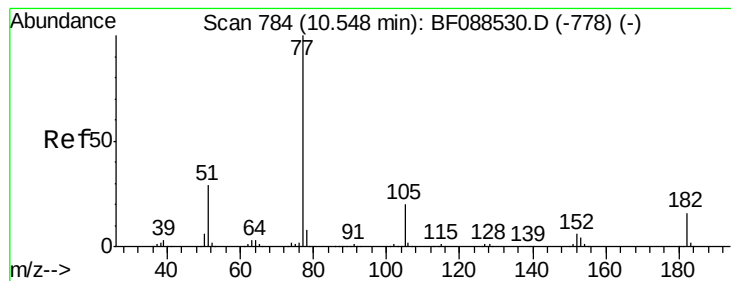
#61
 4-Nitroaniline
 Concen: 37.80 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:138 Resp: 153933
 Ion Ratio Lower Upper
 138 100
 92 59.4 27.3 67.3
 108 79.1 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: 45.30 ng

RT: 10.51 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

Tgt Ion: 77 Resp: 778963

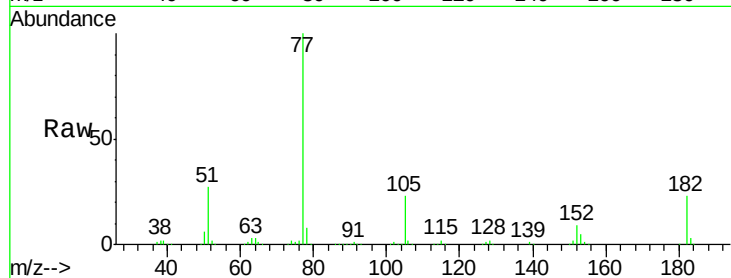
Ion Ratio Lower Upper

77 100

182 22.7 4.4 44.4

105 22.8 3.8 43.8

51 26.7 9.3 49.3

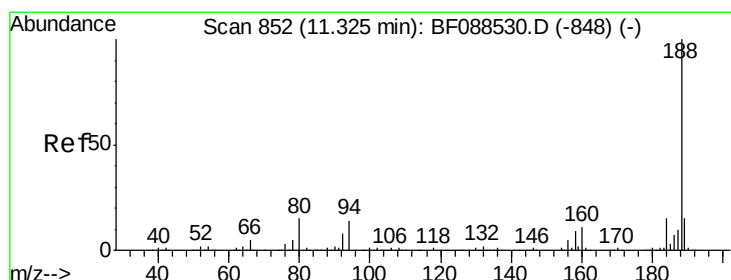
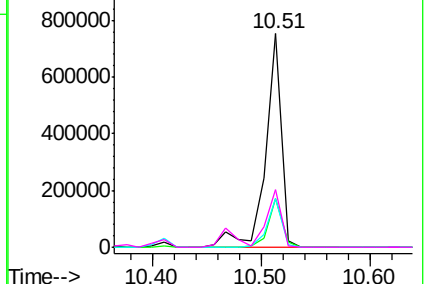
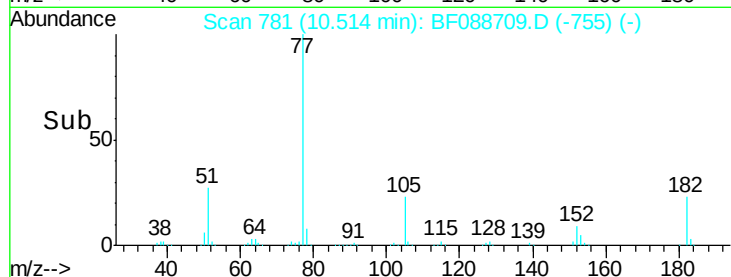


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

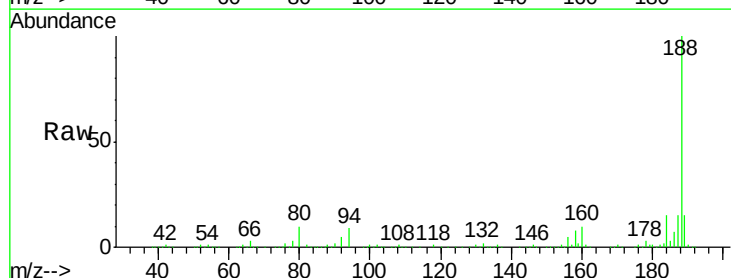
Tgt Ion: 188 Resp: 402616

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

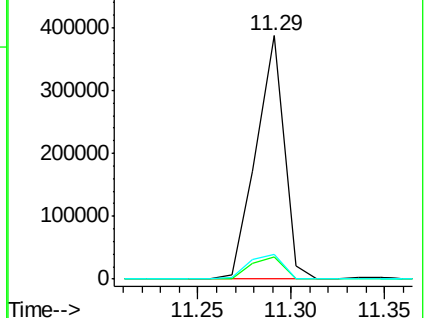
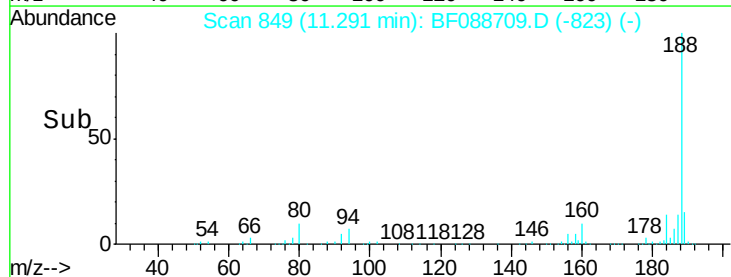
80 10.0 10.0 15.0

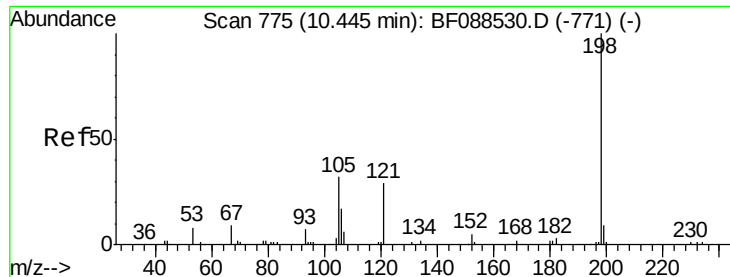


Abundance Ion 188.00 (187.70 to 188.70): BF0

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

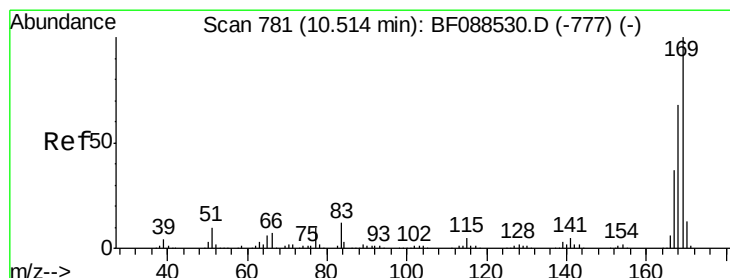
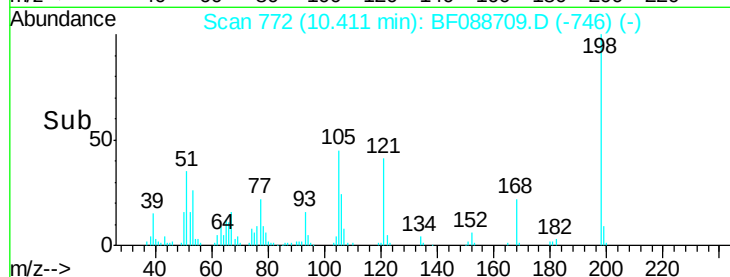
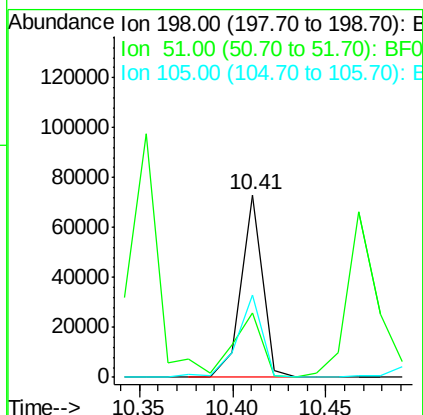
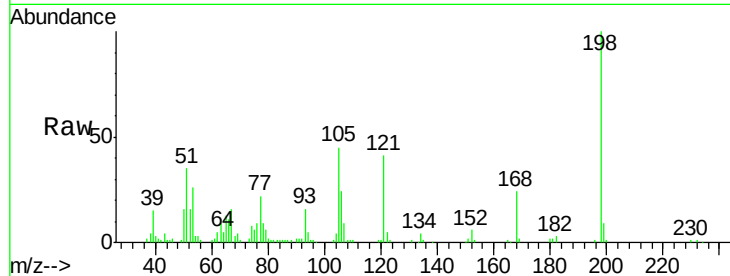




#64
4,6-Dinitro-2-methylphenol
Concen: 27.33 ng
RT: 10.41 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

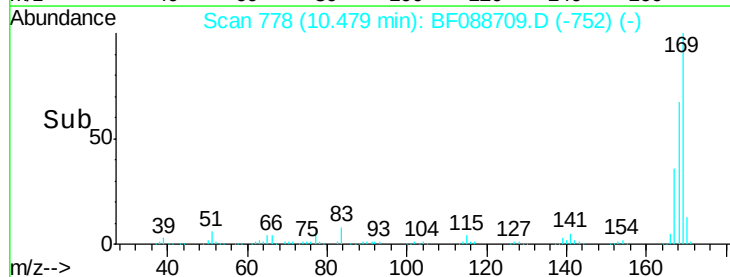
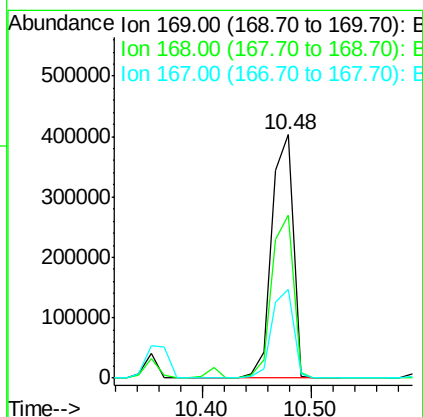
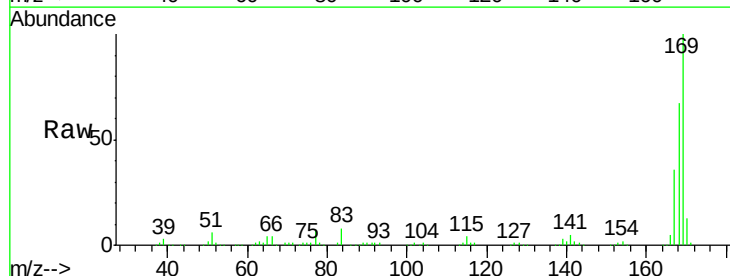
Instrument :
BNA_F
ClientSampleId :
PB91727BS

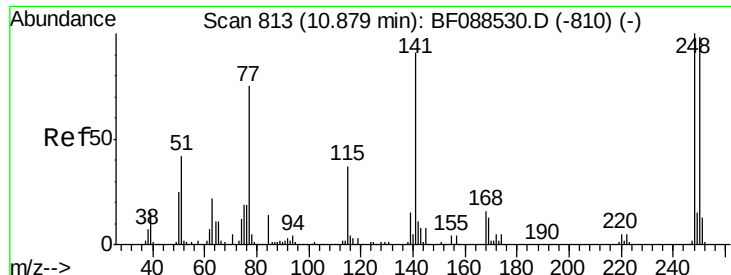
Tgt Ion:198 Resp: 58854
Ion Ratio Lower Upper
198 100
51 35.1 39.6 79.6#
105 44.9 36.6 76.6



#65
n-Nitrosodiphenylamine
Concen: 40.35 ng
RT: 10.48 min Scan# 778
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:169 Resp: 549862
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.0
167 36.4 29.4 44.0

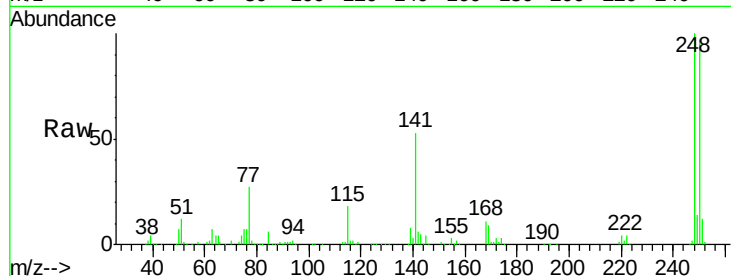




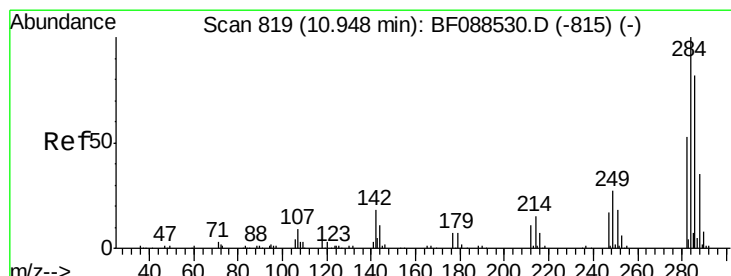
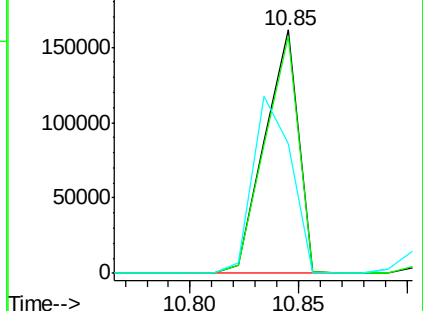
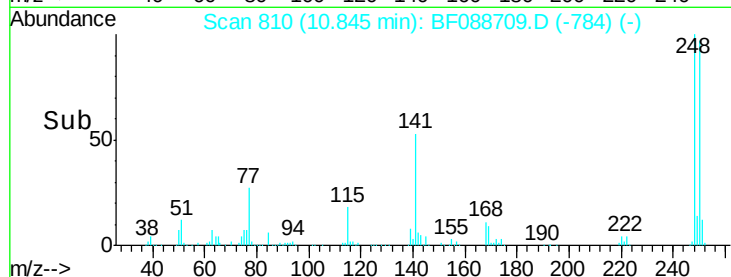
#66
4-Bromophenyl-phenylether
Concen: 43.24 ng
RT: 10.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:248 Resp: 175426
Ion Ratio Lower Upper
248 100
250 97.3 77.1 115.7
141 53.4 50.6 76.0

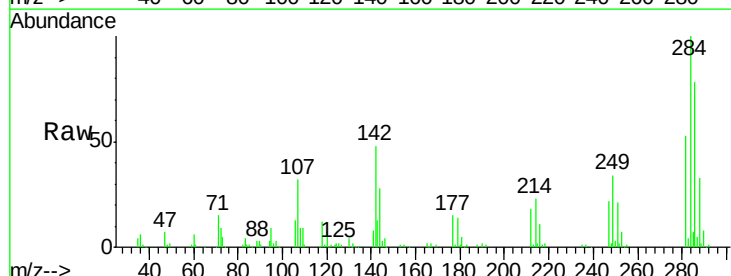


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

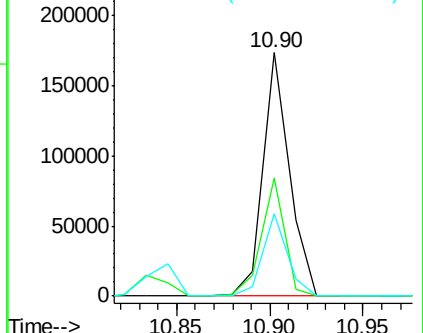
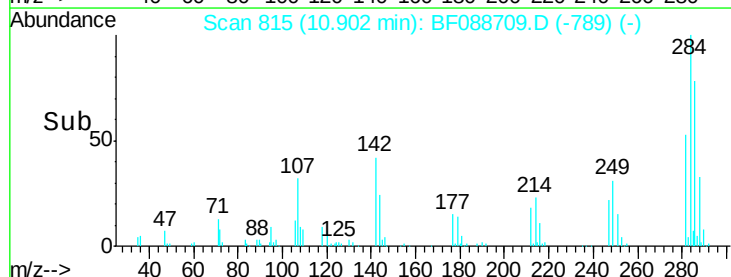


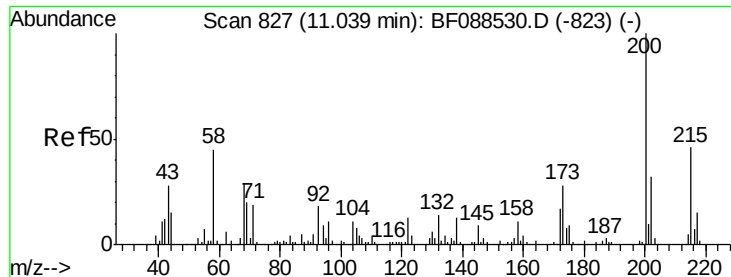
#67
Hexachlorobenzene
Concen: 37.63 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:284 Resp: 169024
Ion Ratio Lower Upper
284 100
142 48.4 35.8 53.8
249 33.7 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

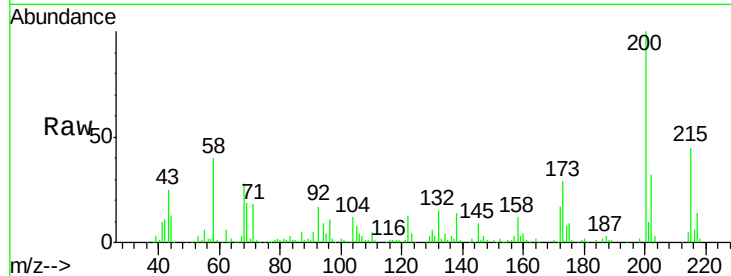




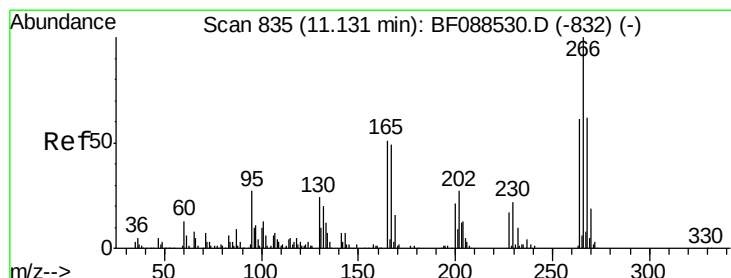
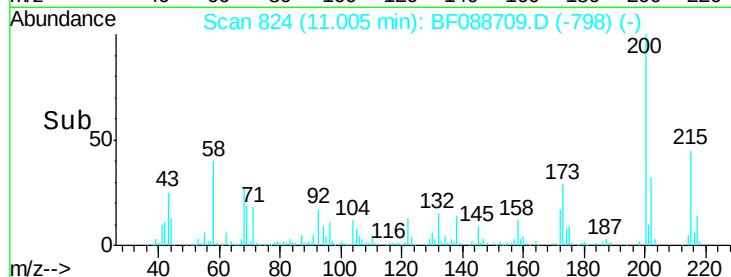
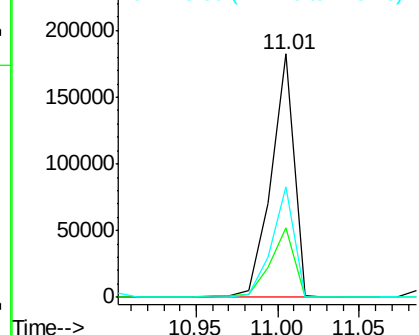
#68
Atrazine
Concen: 42.28 ng
RT: 11.01 min Scan# 824
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.6	4.0	44.0
215	45.2	29.3	69.3

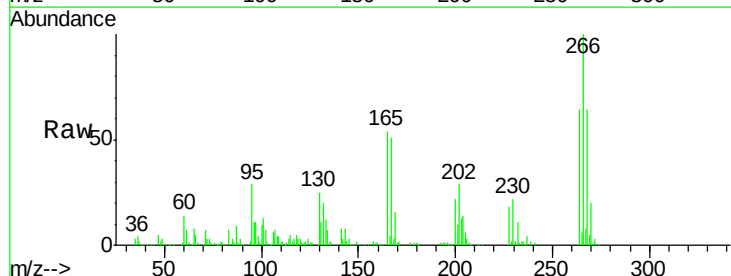


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

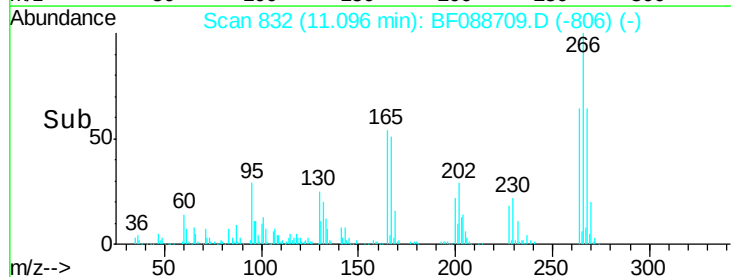
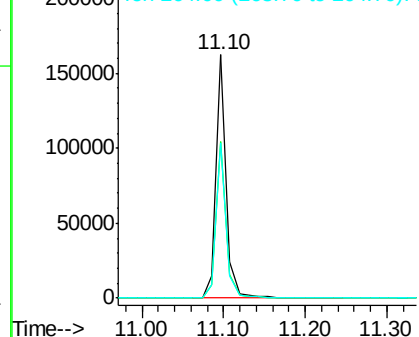


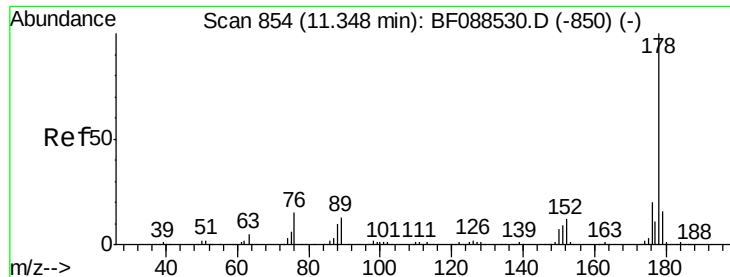
#69
Pentachlorophenol
Concen: 54.39 ng
RT: 11.10 min Scan# 832
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.1	52.8	79.2
264	64.0	49.6	74.4



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

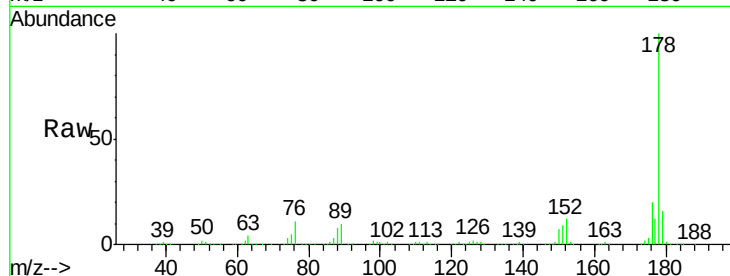




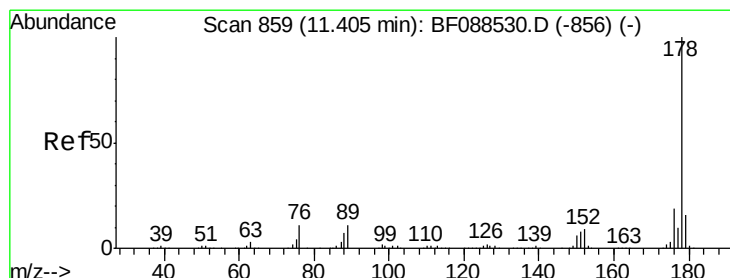
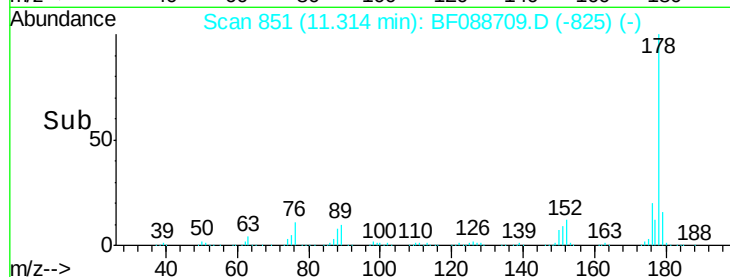
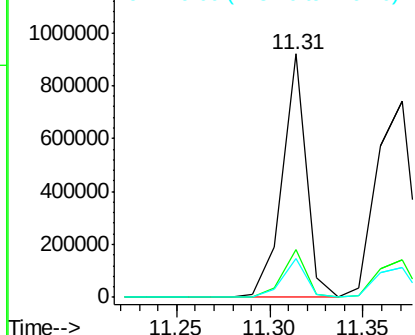
#70
Phenanthrene
Concen: 37.27 ng
RT: 11.31 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Instrument :
BNA_F
ClientSampleId :
PB91727BS

Tgt Ion:178 Resp: 820341
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.8 13.0 19.4

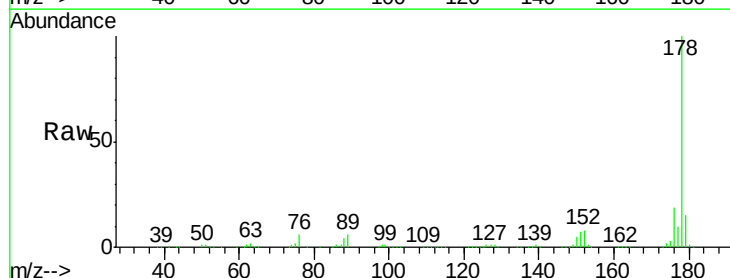


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

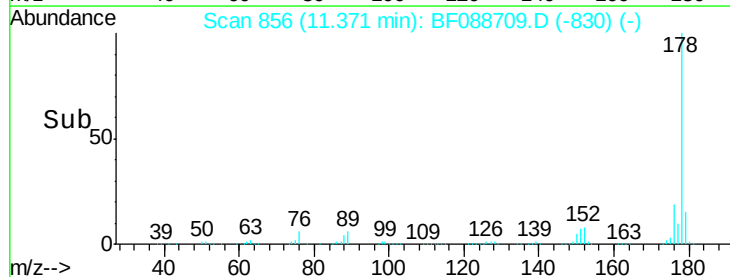
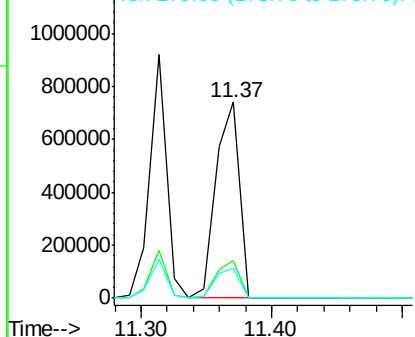


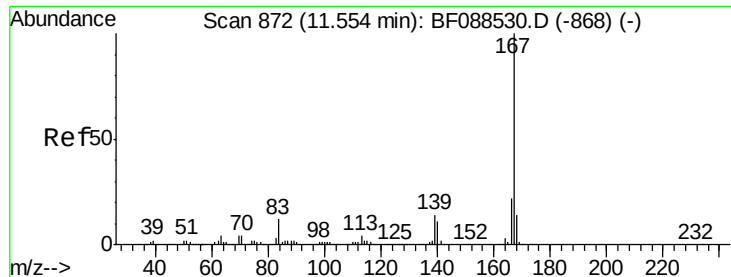
#71
Anthracene
Concen: 42.51 ng
RT: 11.37 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:178 Resp: 930192
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.0 12.8 19.2



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

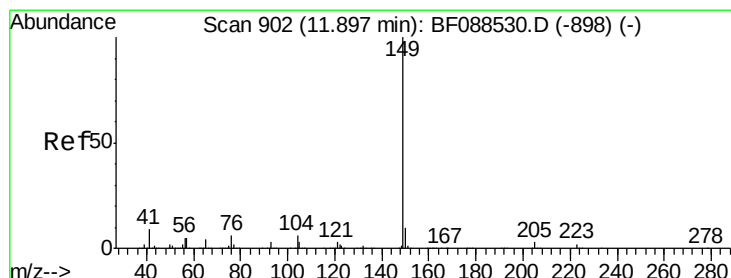
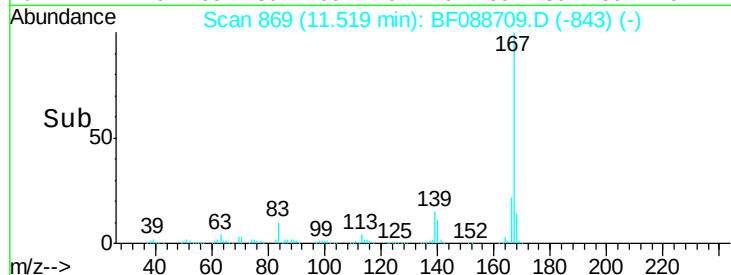
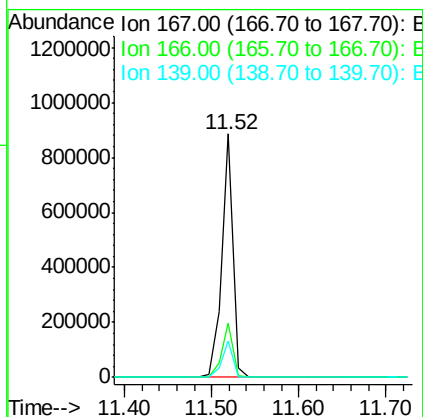
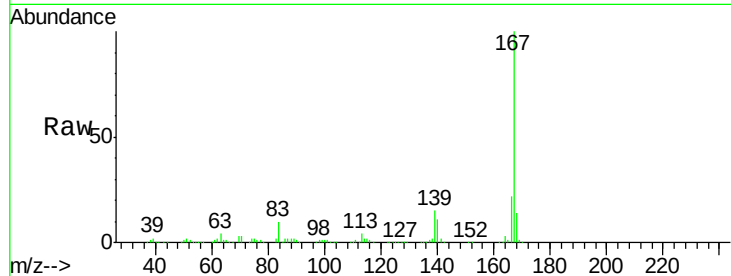




#72
 Carbazole
 Concen: 38.95 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

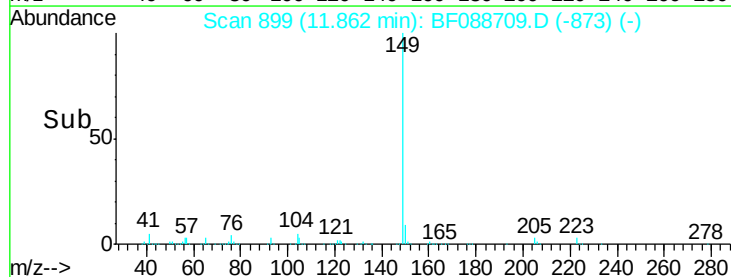
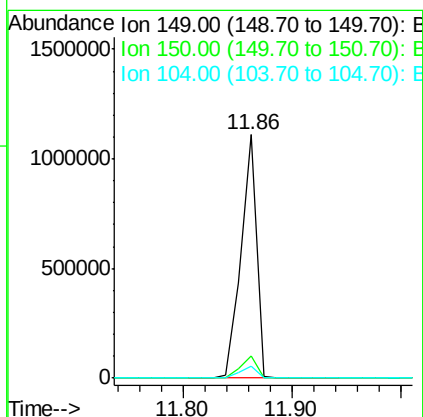
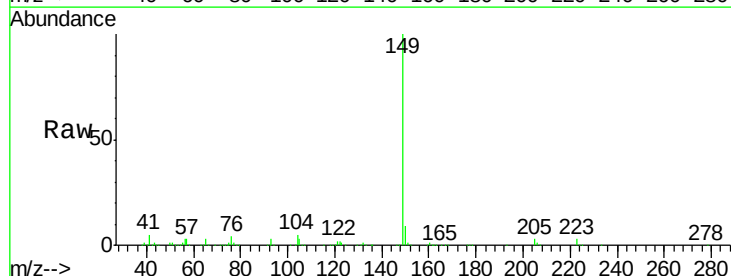
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

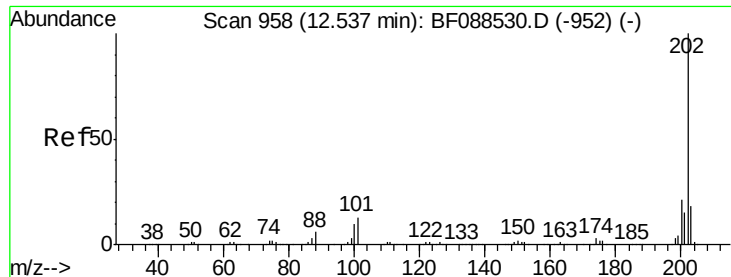
Tgt Ion:167 Resp: 802241
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.8 26.6
 139 14.7 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: 44.77 ng
 RT: 11.86 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:149 Resp: 1072602
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.8 11.6
 104 4.9 4.0 6.0

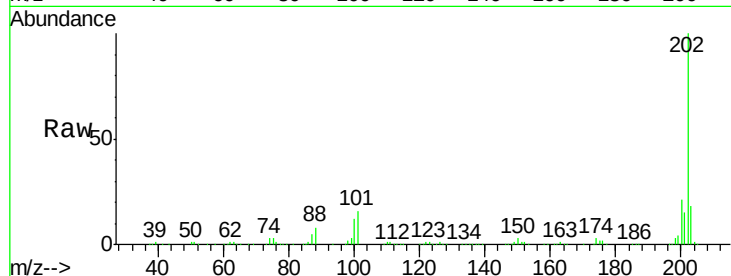




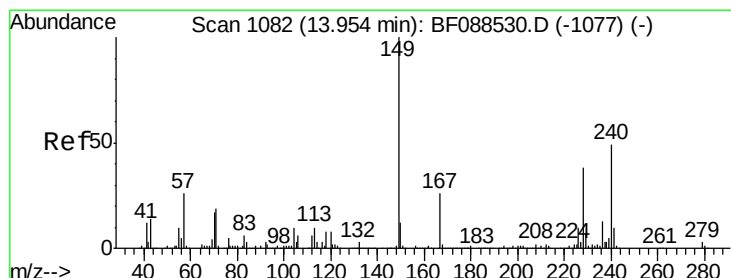
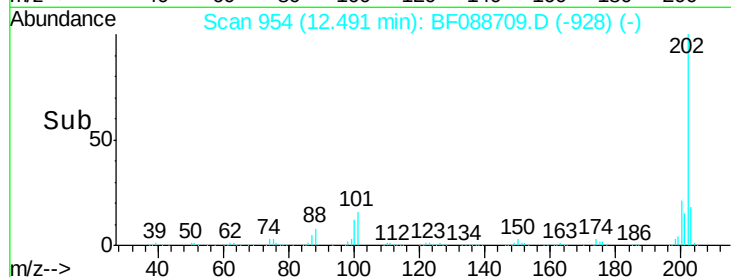
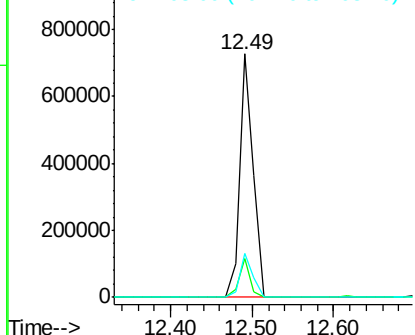
#74
 Fluoranthene
 Concen: 36.99 ng
 RT: 12.49 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.8	0.0	33.1
203	17.8	0.0	38.1

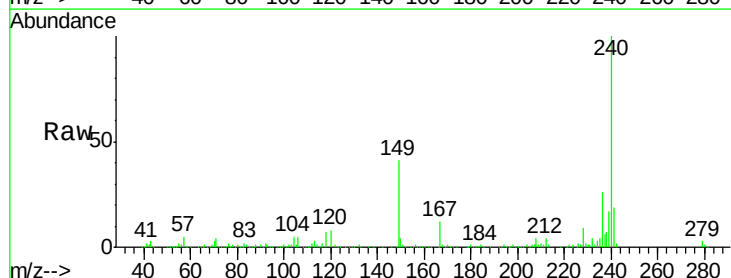


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

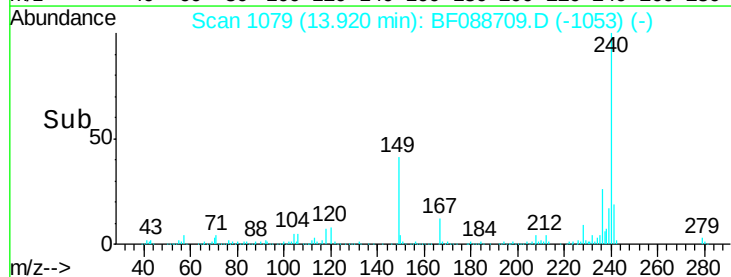
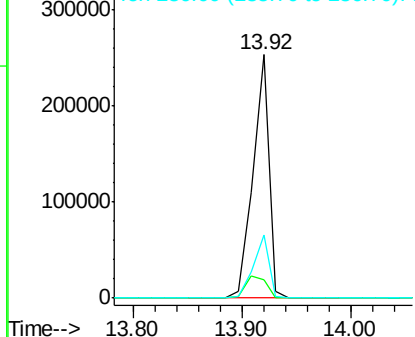


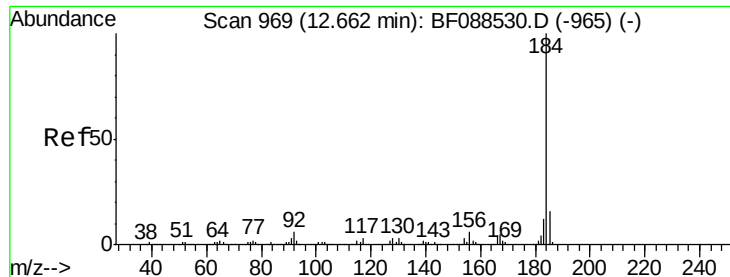
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.8	10.2
236	25.8	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: 43.15 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

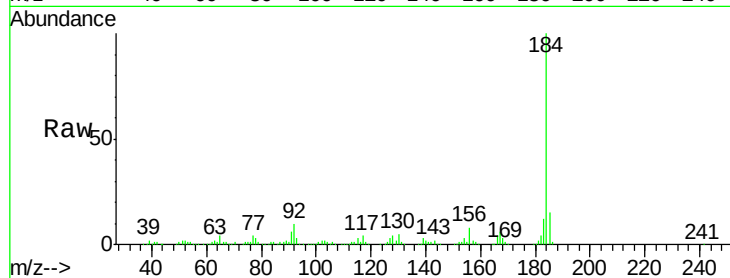
Tgt Ion:184 Resp: 567418

Ion Ratio Lower Upper

184 100

185 14.7 12.5 18.7

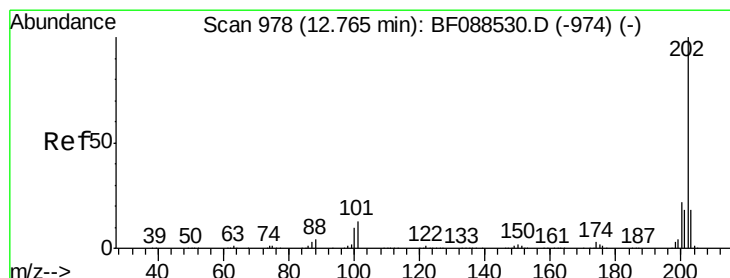
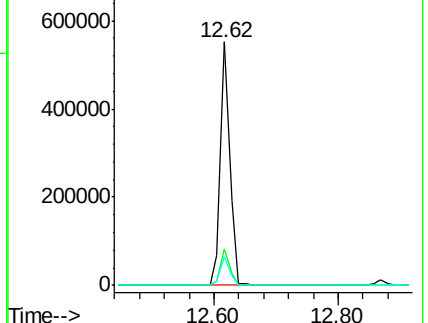
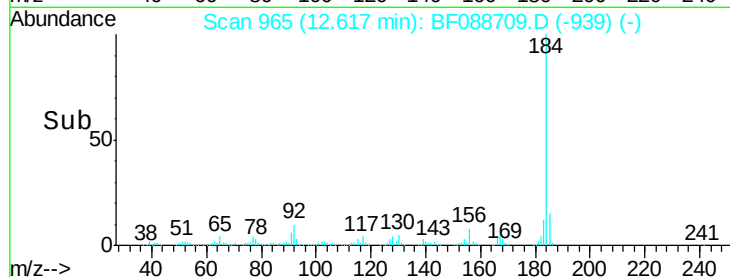
183 11.9 9.3 13.9



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

Pyrene

Concen: 35.82 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

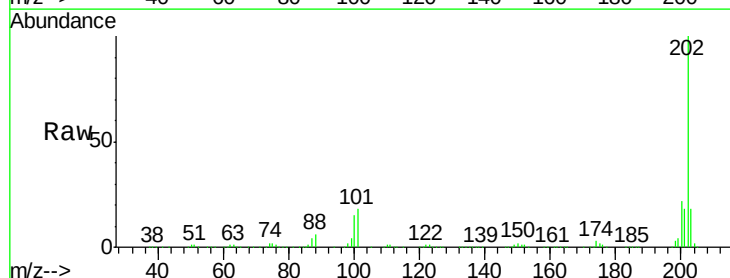
Tgt Ion:202 Resp: 790213

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

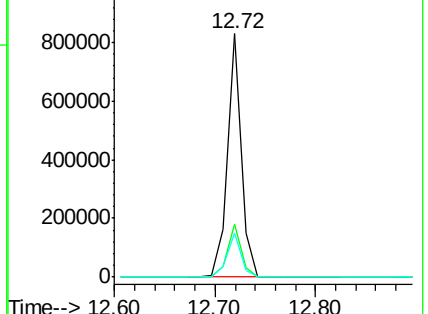
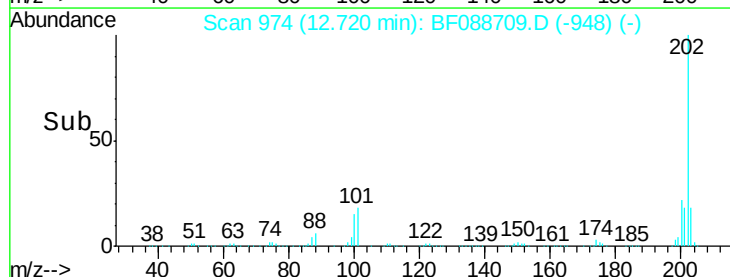
203 18.2 14.5 21.7

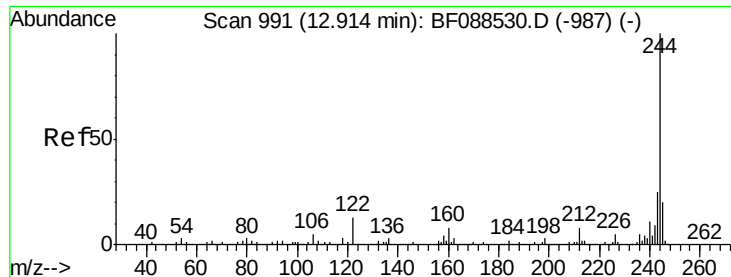


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

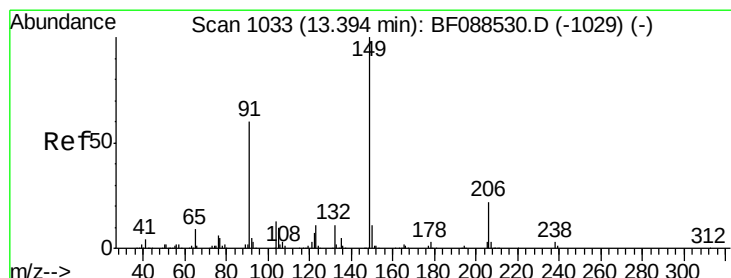
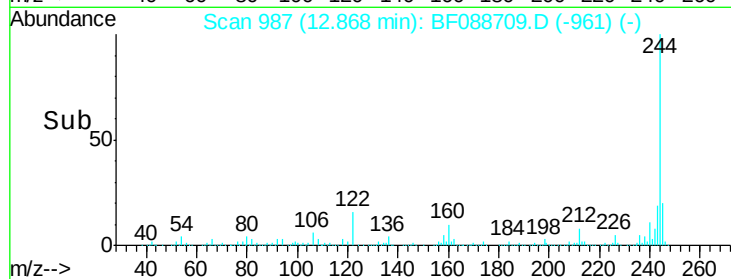
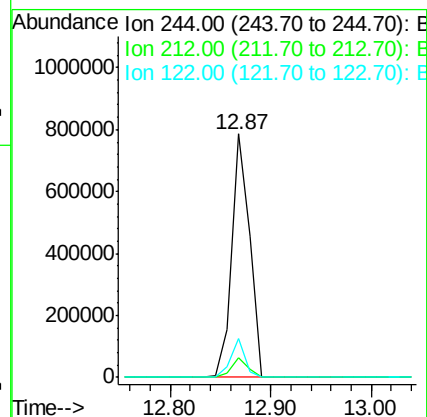
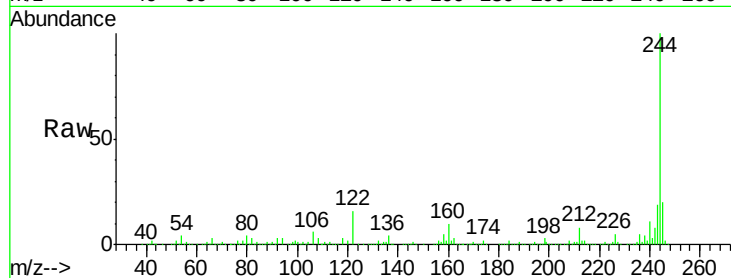




#78
 Terphenyl-d14
 Concen: 82.71 ng
 RT: 12.87 min Scan# 987
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

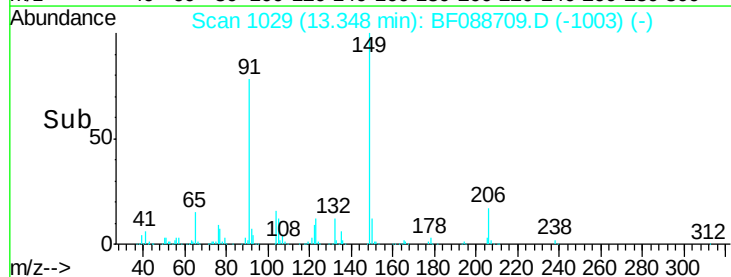
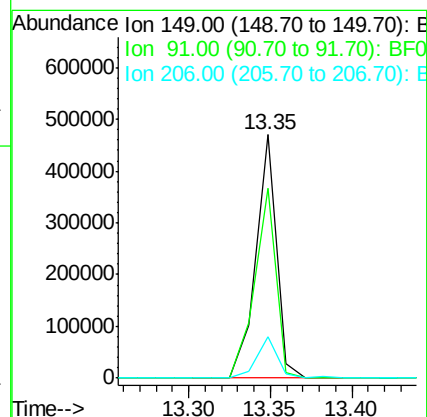
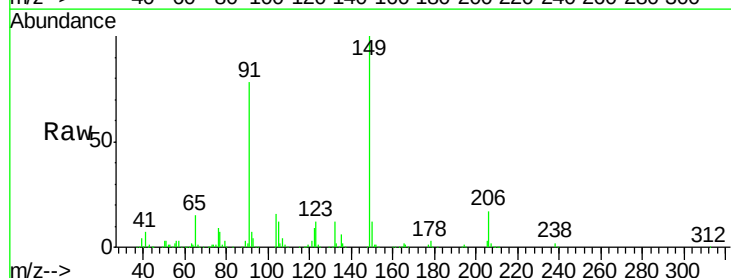
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

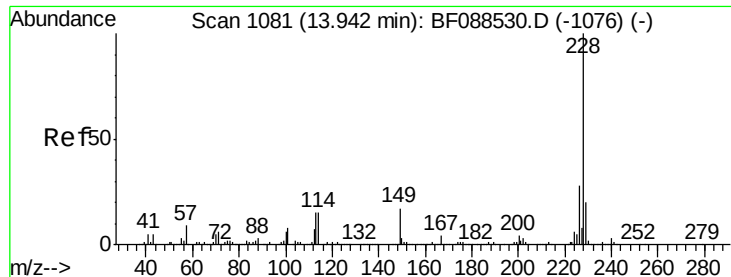
Tgt Ion:244 Resp: 966217
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 15.8 11.2 16.8



#79
 Butylbenzylphthalate
 Concen: 41.99 ng
 RT: 13.35 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion:149 Resp: 413155
 Ion Ratio Lower Upper
 149 100
 91 77.9 48.0 72.0#
 206 17.2 16.0 24.0





#80

Benzo(a)anthracene

Concen: 41.34 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

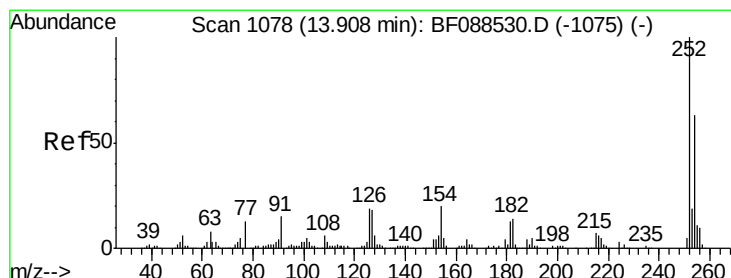
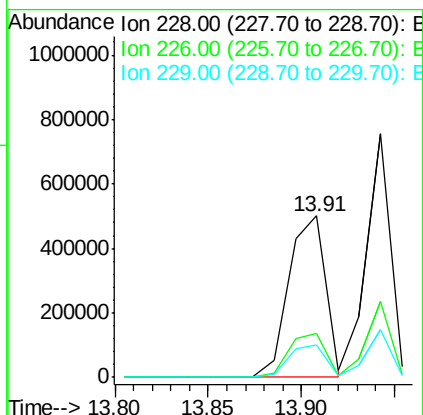
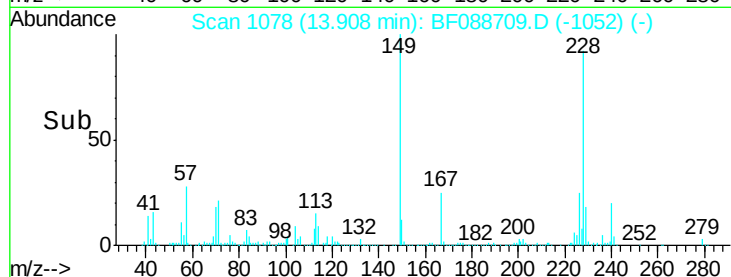
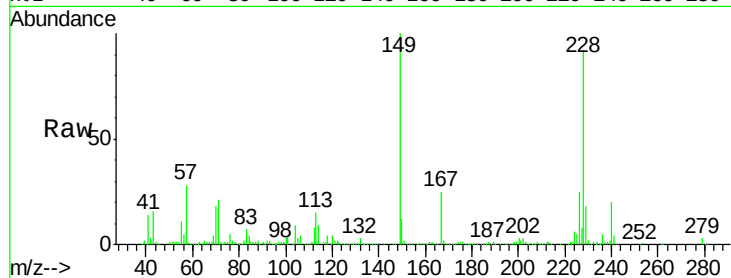
Tgt Ion:228 Resp: 692675

Ion Ratio Lower Upper

228 100

226 27.6 22.3 33.5

229 19.9 16.0 24.0



#81

3,3'-Dichlorobenzidine

Concen: 19.46 ng

RT: 13.87 min Scan# 1075

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

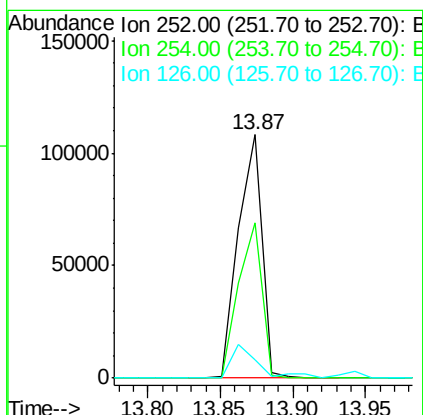
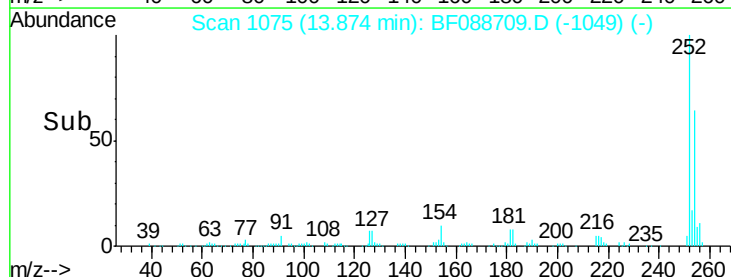
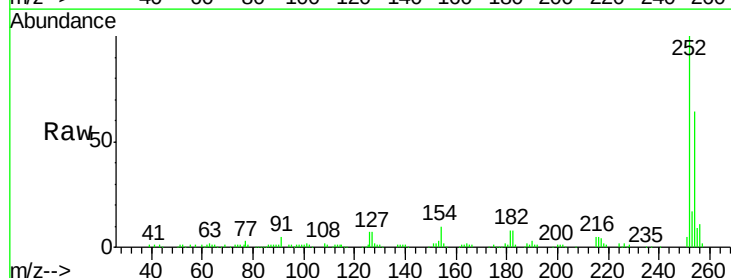
Tgt Ion:252 Resp: 122598

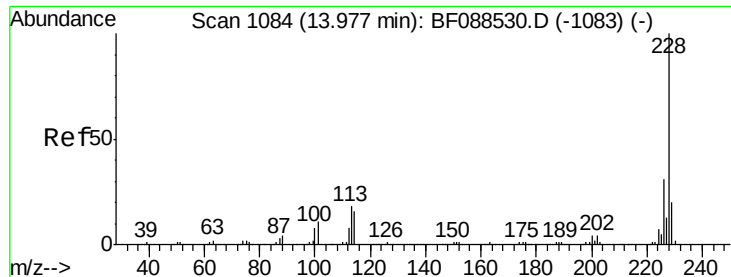
Ion Ratio Lower Upper

252 100

254 63.8 52.6 78.8

126 7.3 6.2 9.2





#82

Chrysene

Concen: 41.03 ng

RT: 13.94 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

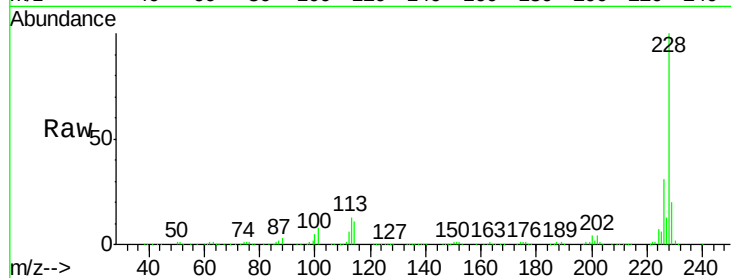
Tgt Ion: 228 Resp: 680077

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.2

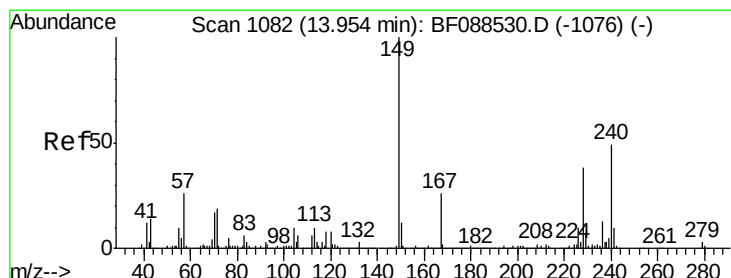
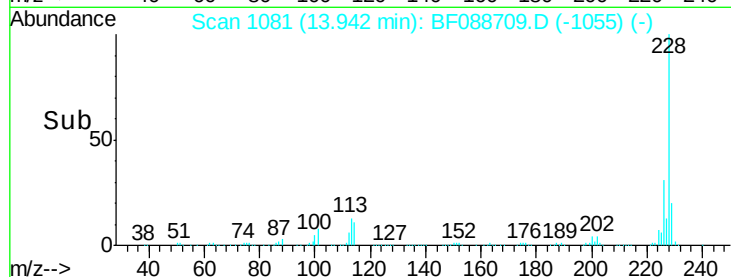
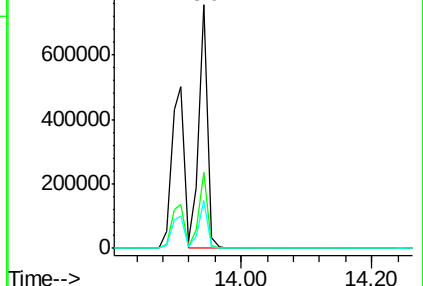
229 19.9 16.3 24.5



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: 43.42 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

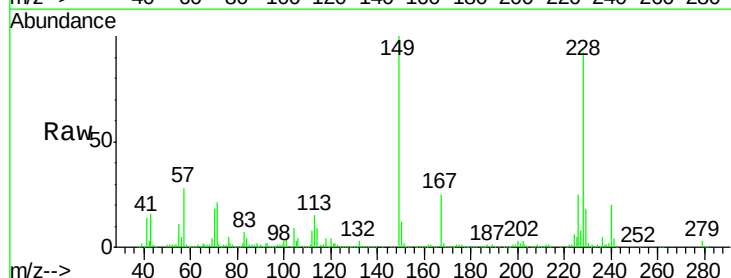
Tgt Ion: 149 Resp: 487801

Ion Ratio Lower Upper

149 100

167 25.0 20.5 30.7

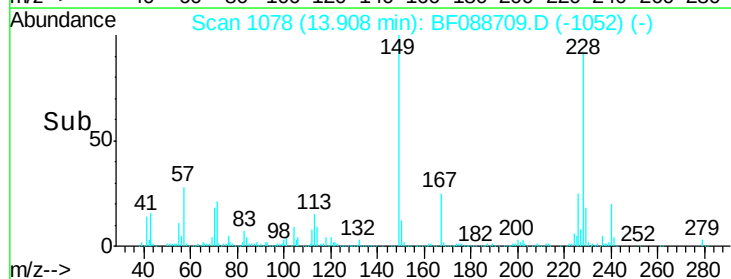
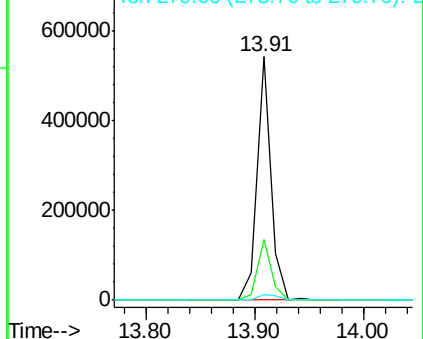
279 2.5 2.0 3.0

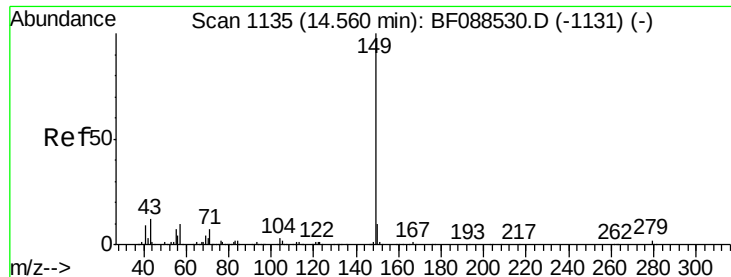


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

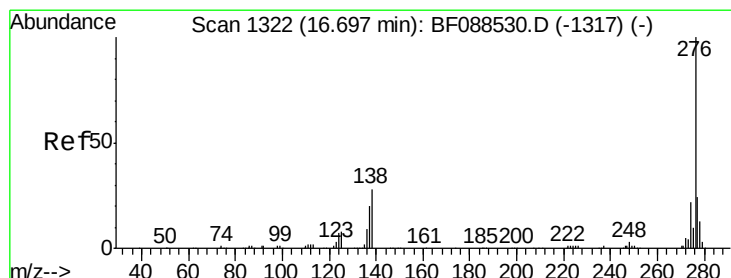
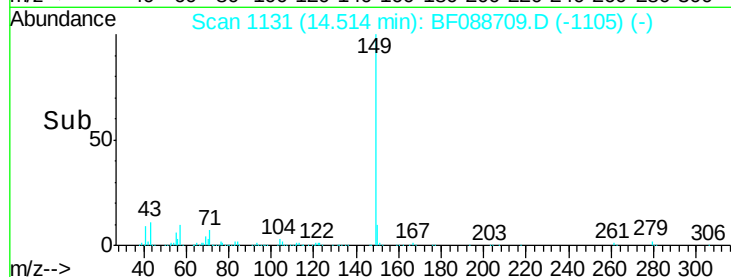
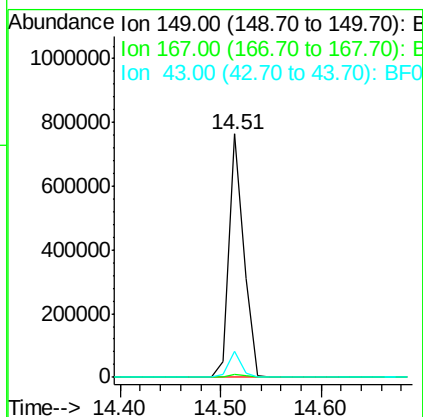
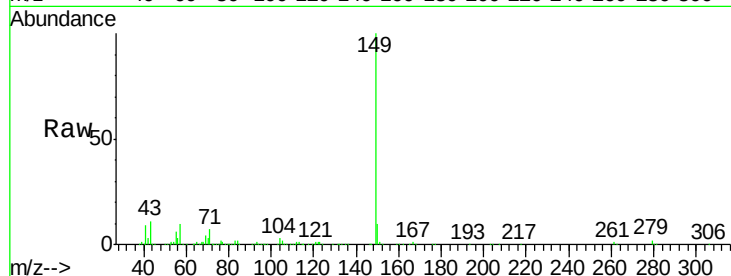




#84
 Di-n-octyl phthalate
 Concen: 40.77 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

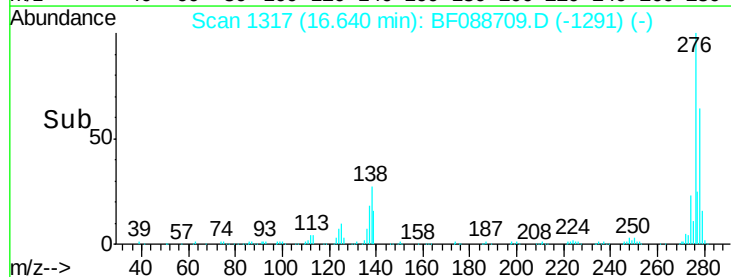
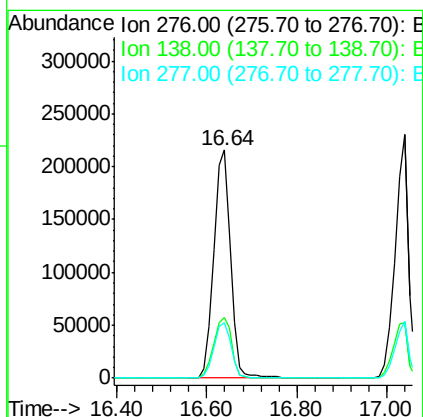
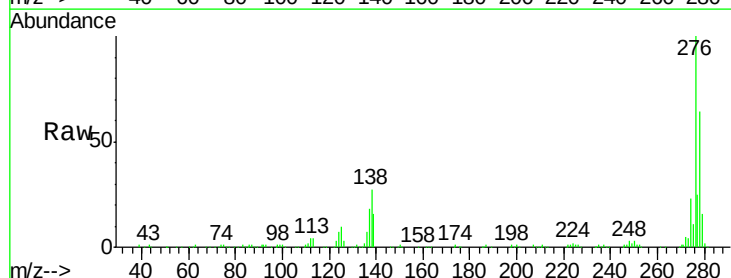
Instrument :
 BNA_F
 ClientSampleId :
 PB91727BS

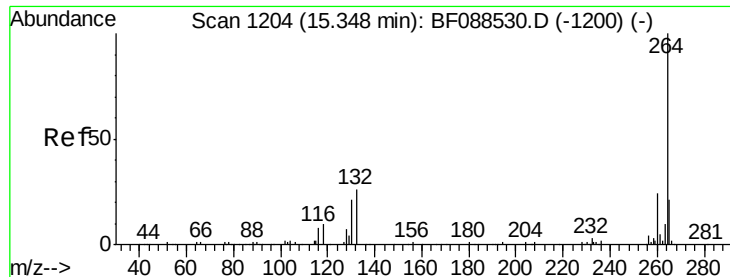
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	9.5	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.07 ng
 RT: 16.64 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF088709.D
 Acq: 5 Jul 2016 18:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	0.0	0.0#
277	25.1	0.0	0.0#

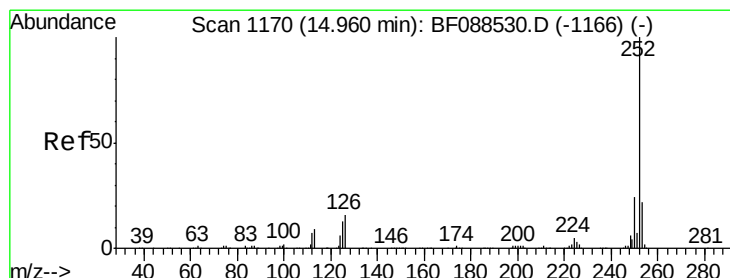
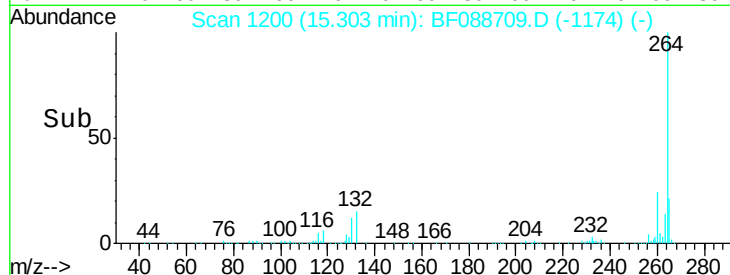
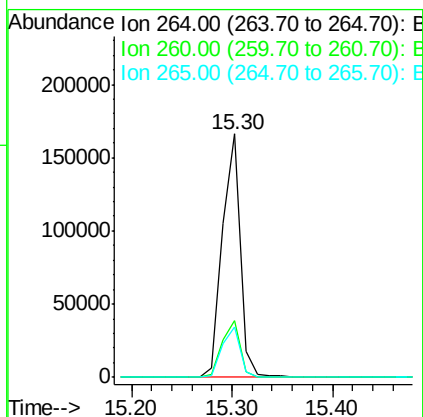
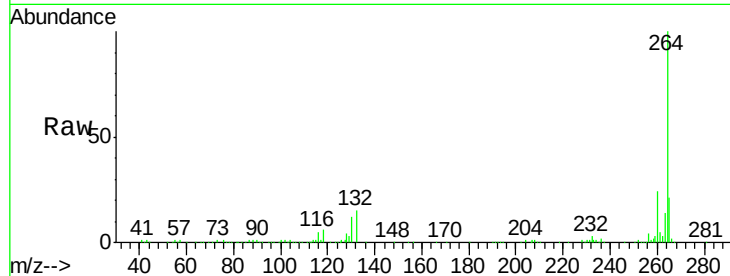




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

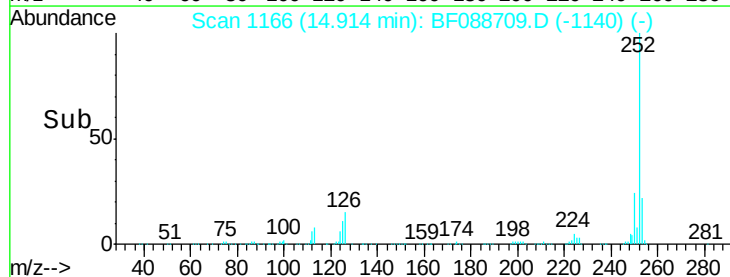
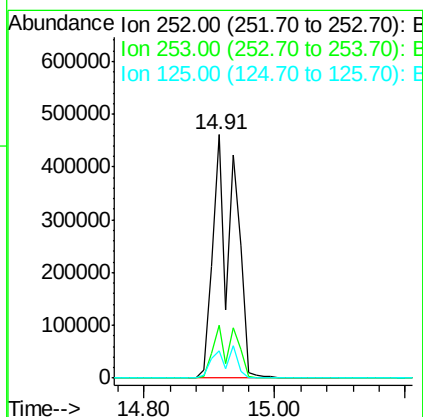
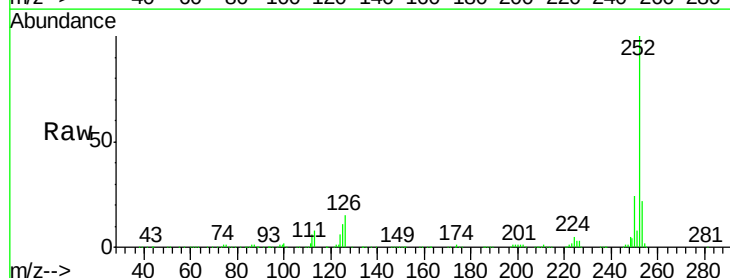
Instrument :
BNA_F
ClientSampleId :
PB91727BS

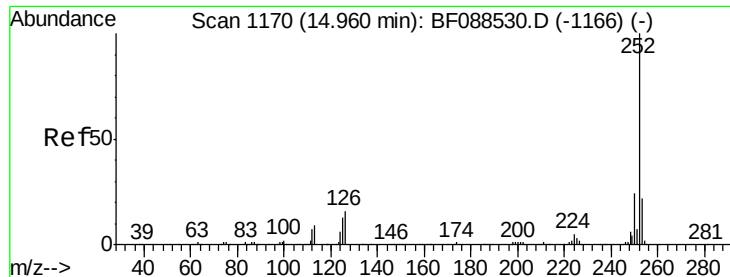
Tgt Ion:264 Resp: 206201
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 80.51 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF088709.D
Acq: 5 Jul 2016 18:12

Tgt Ion:252 Resp: 1041377
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 11.1 7.1 10.7#





#88

Benzo(k)fluoranthene

Concen: 92.48 ng

RT: 14.91 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

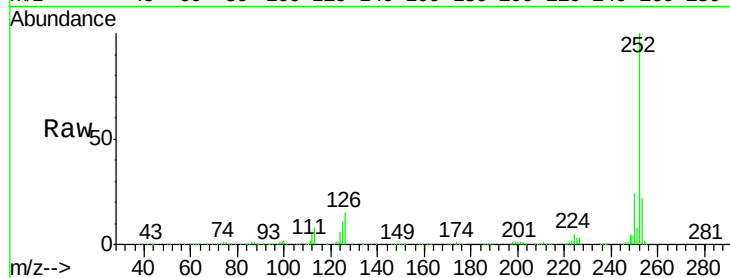
Tgt Ion:252 Resp: 1041377

Ion Ratio Lower Upper

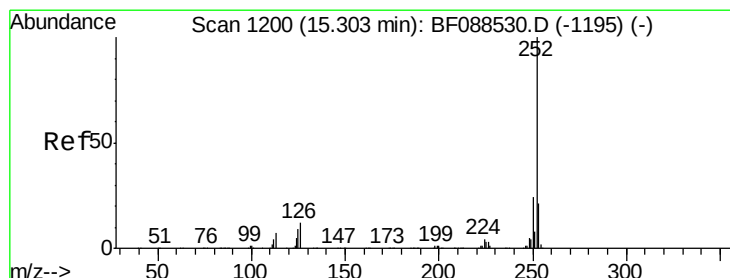
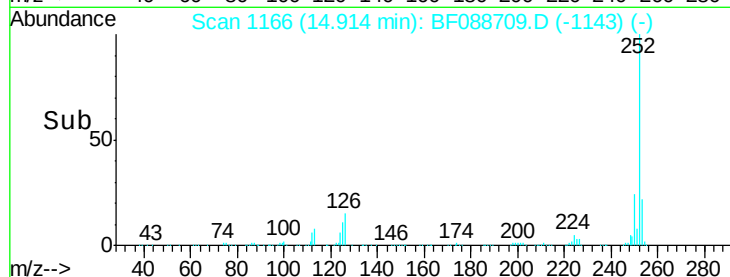
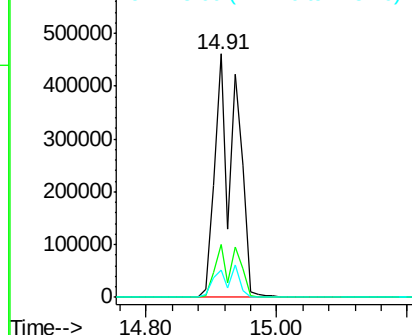
252 100

253 21.8 18.0 27.0

125 11.1 11.2 16.8#



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



#89

Benzo(a)pyrene

Concen: 43.28 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

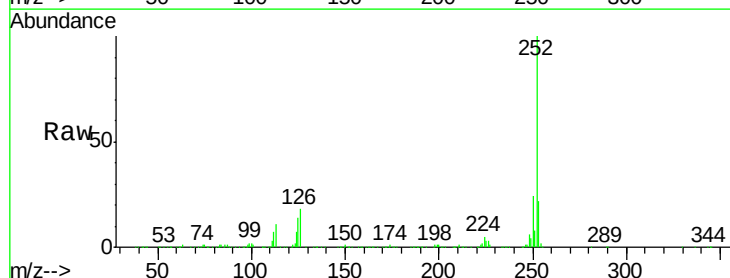
Tgt Ion:252 Resp: 473966

Ion Ratio Lower Upper

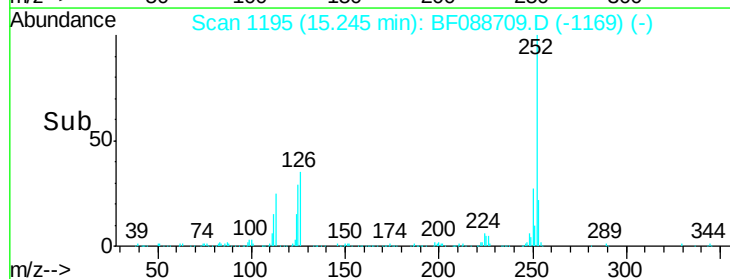
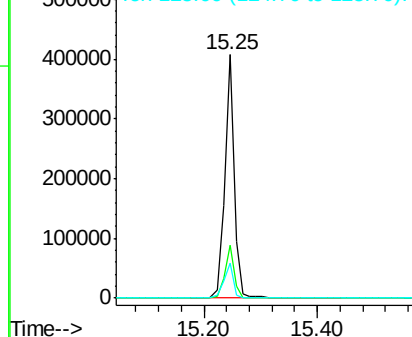
252 100

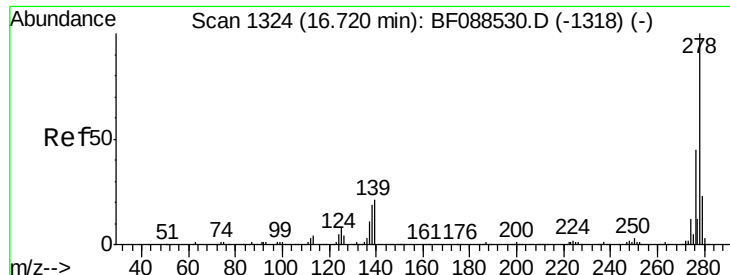
253 21.9 17.9 26.9

125 14.3 12.5 18.7



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





#90

Dibenzo(a,h)anthracene

Concen: 50.17 ng

RT: 16.65 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

Instrument :

BNA_F

ClientSampleId :

PB91727BS

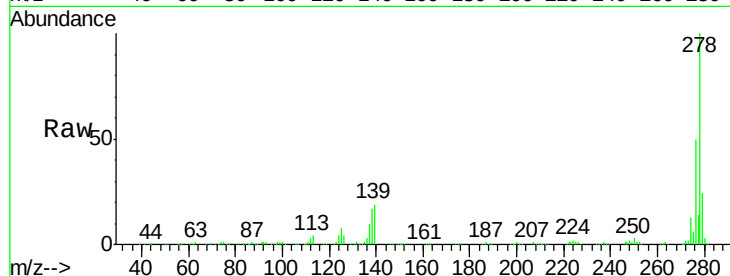
Tgt Ion:278 Resp: 458793

Ion Ratio Lower Upper

278 100

139 18.7 15.7 23.5

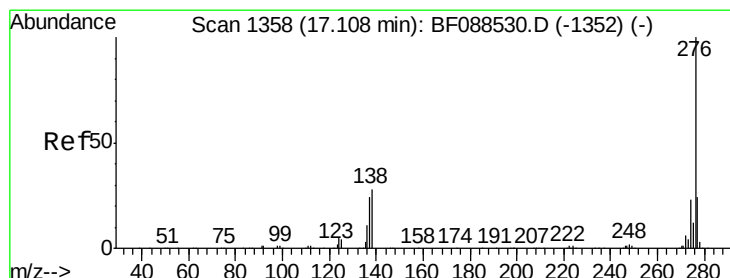
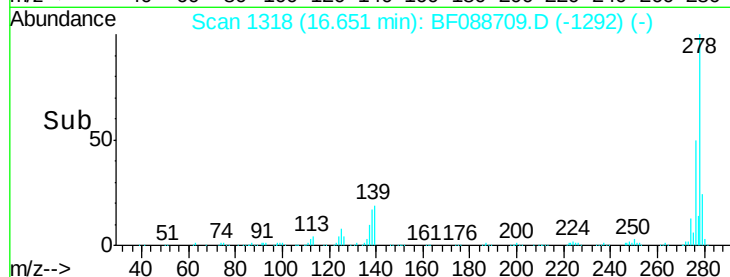
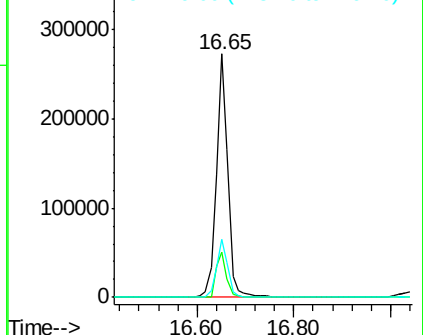
279 23.7 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 50.74 ng

RT: 17.04 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BF088709.D

Acq: 5 Jul 2016 18:12

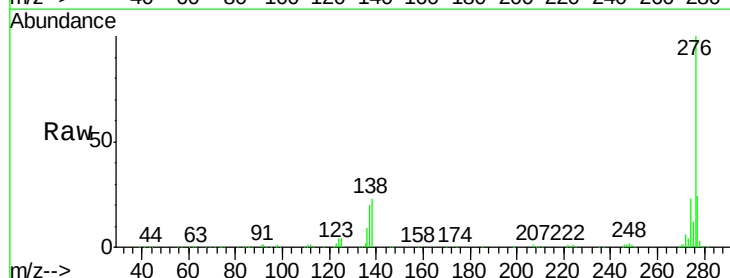
Tgt Ion:276 Resp: 480218

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 23.0 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

