

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088731.D
 Acq On : 6 Jul 2016 4:59
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 06 06:38:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	84989	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	330667	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	135326	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	218268	20.00	ng	0.00
75) Chrysene-d12	13.91	240	146596	20.00	ng	-0.01
86) Perylene-d12	15.30	264	157500	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	395081	69.67	ng	-0.01
7) Phenol-d6	6.41	99	526384	71.84	ng	0.00
23) Nitrobenzene-d5	7.35	82	514443	81.53	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	88315	70.28	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	856229	99.94	ng	0.00
78) Terphenyl-d14	12.87	244	503522	76.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.31	88	93362	33.21	ng	# 35
3) Pyridine	2.98	79	264552	32.43	ng	94
4) n-Nitrosodimethylamine	2.95	42	102196	32.79	ng	87
6) Aniline	6.43	93	366790	34.35	ng	# 72
8) 2-Chlorophenol	6.56	128	238425	39.12	ng	97
9) Benzaldehyde	6.32	77	170574	34.37	ng	89
10) Phenol	6.42	94	268129	32.06	ng	# 62
11) bis(2-Chloroethyl)ether	6.51	93	212028	34.00	ng	92
12) 1,3-Dichlorobenzene	6.72	146	267013	39.81	ng	97
13) 1,4-Dichlorobenzene	6.80	146	258916	38.89	ng	97
14) 1,2-Dichlorobenzene	6.80	146	258916	41.55	ng	98
15) Benzyl Alcohol	6.92	79	212862	39.47	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.06	45	286442	31.72	ng	90
17) 2-Methylphenol	7.04	107	189239	38.06	ng	97
18) Hexachloroethane	7.29	117	93943	36.48	ng	# 86
19) n-Nitroso-di-n-propylamine	7.20	70	169445	34.43	ng	91
20) 3+4-Methylphenols	7.20	107	239105	40.07	ng	90
22) Acetophenone	7.19	105	310730	38.72	ng	# 86
24) Nitrobenzene	7.36	77	227028	35.69	ng	# 81
25) Isophorone	7.60	82	437357	37.42	ng	# 93
26) 2-Nitrophenol	7.68	139	109934	42.14	ng	93
27) 2,4-Dimethylphenol	7.72	122	223399	41.11	ng	90
28) bis(2-Chloroethoxy)methane	7.82	93	264156	34.73	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	167994	38.26	ng	97
30) 1,2,4-Trichlorobenzene	8.01	180	205105	42.56	ng	97
31) Naphthalene	8.09	128	663715	40.71	ng	98
32) Benzoic acid	7.83	122	90781	23.01	ng	93
33) 4-Chloroaniline	8.14	127	311344	42.93	ng	98
34) Hexachlorobutadiene	8.20	225	107819	41.78	ng	98
35) Caprolactam	8.50	113	51430	34.48	ng	93
36) 4-Chloro-3-methylphenol	8.62	107	199472	38.41	ng	91
37) 2-Methylnaphthalene	8.78	142	439508	41.87	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	201977	44.87	ng	# 1
40) Hexachlorocyclopentadiene	8.94	237	26025	11.78	ng	98

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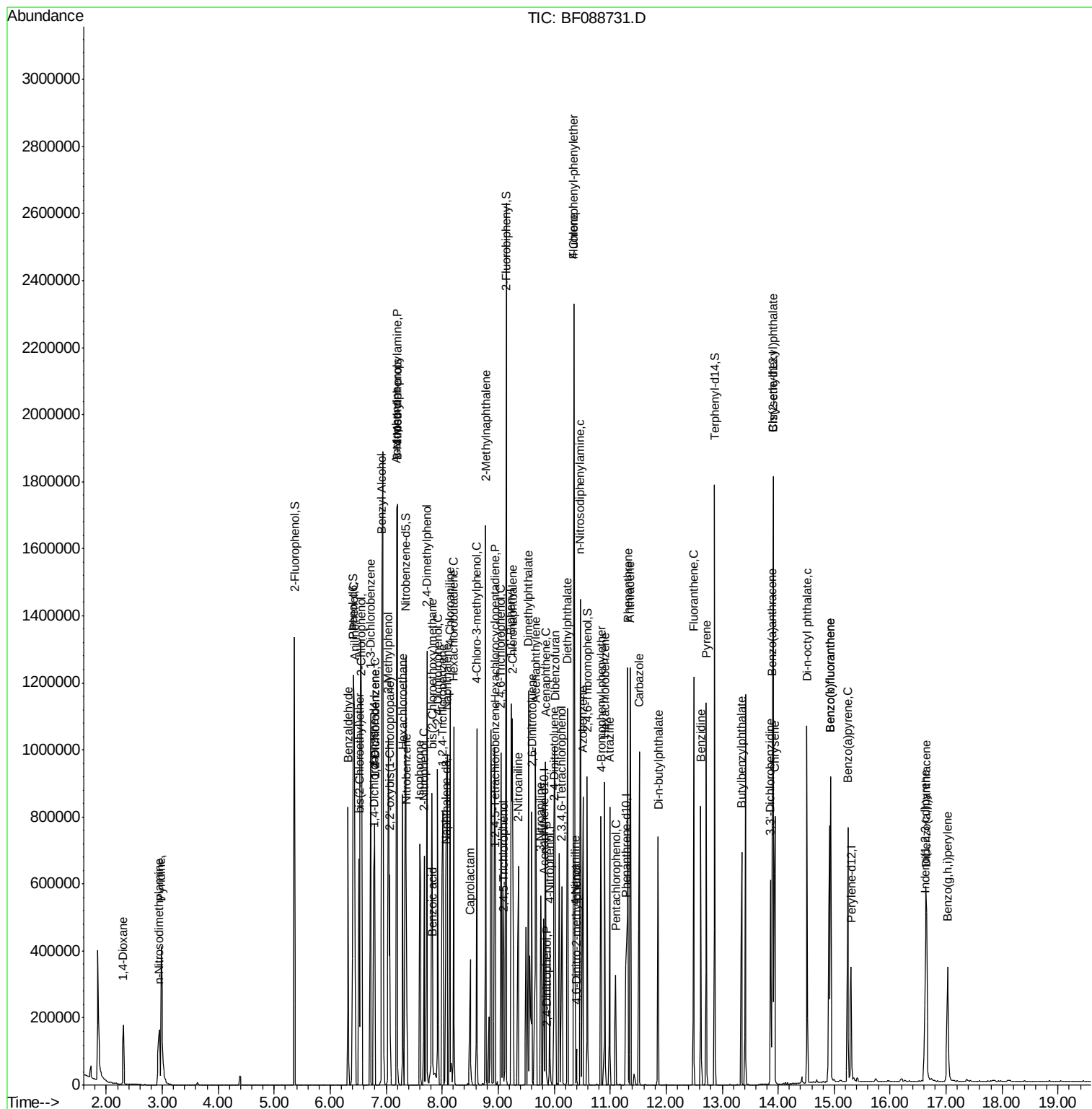
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	114459	38.57	ng	97
43) 2,4,5-Trichlorophenol	9.10	196	110464	43.26	ng #	95
45) 1,1'-Biphenyl	9.23	154	471654	42.09	ng	97
46) 2-Chloronaphthalene	9.26	162	371427	42.22	ng	96
47) 2-Nitroaniline	9.36	65	135551	43.42	ng #	70
48) Acenaphthylene	9.67	152	578241	41.31	ng	100
49) Dimethylphthalate	9.54	163	463899	48.12	ng	99
50) 2,6-Dinitrotoluene	9.60	165	93247	43.64	ng #	65
51) Acenaphthene	9.85	154	330696	38.54	ng	98
52) 3-Nitroaniline	9.76	138	110366	40.63	ng	84
53) 2,4-Dinitrophenol	9.86	184	4397	4.66	ng #	61
54) Dibenzofuran	10.01	168	439839	39.17	ng #	85
55) 4-Nitrophenol	9.92	139	58260	28.22	ng	87
56) 2,4-Dinitrotoluene	10.00	165	116200	41.59	ng #	69
57) Fluorene	10.35	166	332569	38.43	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	77029	38.99	ng #	53
59) Diethylphthalate	10.24	149	437508	45.22	ng	99
60) 4-Chlorophenyl-phenylether	10.35	204	176927	44.00	ng	97
61) 4-Nitroaniline	10.38	138	110846	42.41	ng	97
62) Azobenzene	10.51	77	434076	39.33	ng	92
64) 4,6-Dinitro-2-methylphenol	10.40	198	11001	9.42	ng	86
65) n-Nitrosodiphenylamine	10.47	169	320562	43.39	ng	100
66) 4-Bromophenyl-phenylether	10.83	248	95335	43.34	ng #	65
67) Hexachlorobenzene	10.90	284	102216	41.98	ng	97
68) Atrazine	10.99	200	87089	37.83	ng	91
69) Pentachlorophenol	11.10	266	43530	30.21	ng	97
70) Phenanthrene	11.31	178	497452	41.69	ng	98
71) Anthracene	11.36	178	457682	38.58	ng	99
72) Carbazole	11.52	167	448147	40.13	ng	98
73) Di-n-butylphthalate	11.86	149	586770	45.18	ng #	97
74) Fluoranthene	12.49	202	435770	36.03	ng	99
76) Benzidine	12.62	184	302393	40.81	ng	99
77) Pyrene	12.72	202	446871	35.95	ng	99
79) Butylbenzylphthalate	13.35	149	202510	36.53	ng	97
80) Benzo(a)anthracene	13.90	228	367573	38.94	ng	99
81) 3,3'-Dichlorobenzidine	13.86	252	143255	40.36	ng #	93
82) Chrysene	13.94	228	378243	40.50	ng	98
83) Bis(2-ethylhexyl)phthalate	13.91	149	269031	42.50	ng	100
84) Di-n-octyl phthalate	14.51	149	484367	45.04	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	327987	45.65	ng #	100
87) Benzo(b)fluoranthene	14.94	252	717573	72.63	ng #	96
88) Benzo(k)fluoranthene	14.94	252	717573	83.43	ng	99
89) Benzo(a)pyrene	15.25	252	335073	40.06	ng	97
90) Dibenzo(a,h)anthracene	16.65	278	287508	41.16	ng	98
91) Benzo(g,h,i)perylene	17.03	276	273308	37.81	ng	99

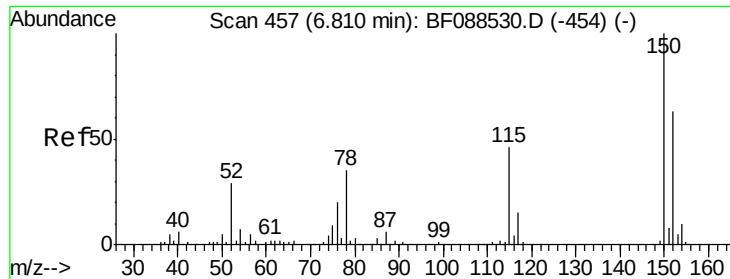
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : SSTCCCC040  
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ALS Vial  : 2    Sample Multiplier: 1
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 454

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

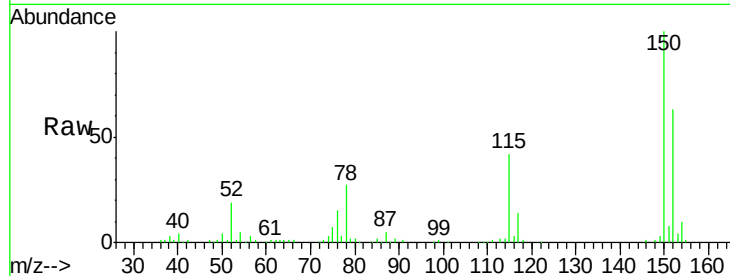
Tgt Ion:152 Resp: 84989

Ion Ratio Lower Upper

152 100

150 159.3 123.8 185.6

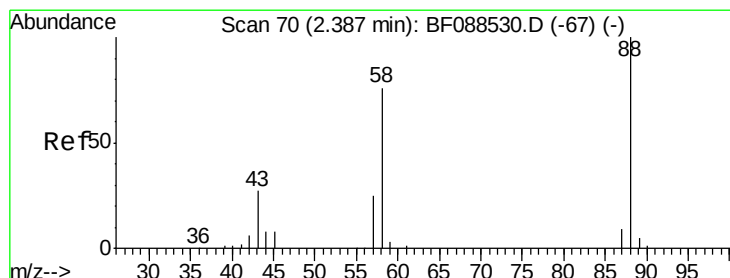
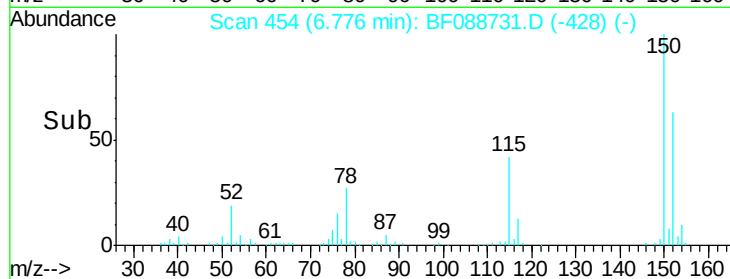
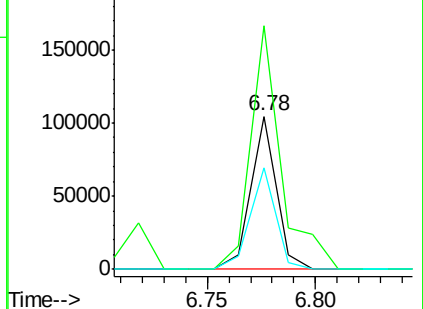
115 66.6 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.21 ng

RT: 2.31 min Scan# 63

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

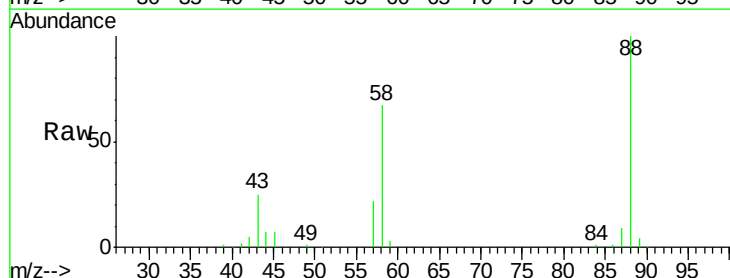
Tgt Ion: 88 Resp: 93362

Ion Ratio Lower Upper

88 100

58 69.1 0.0 0.0#

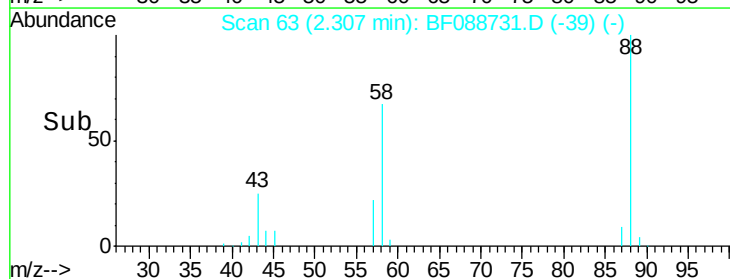
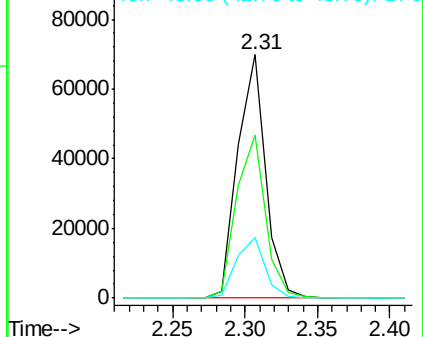
43 25.6 3.4 5.2#

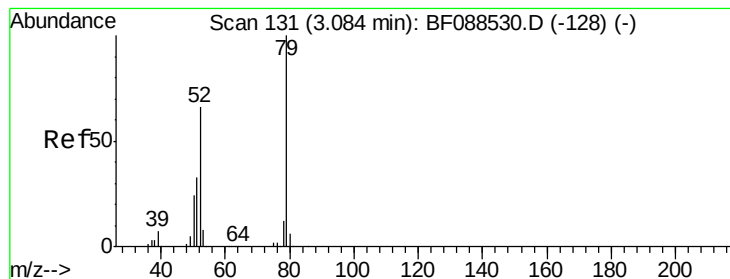


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 32.43 ng

RT: 2.98 min Scan# 122

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

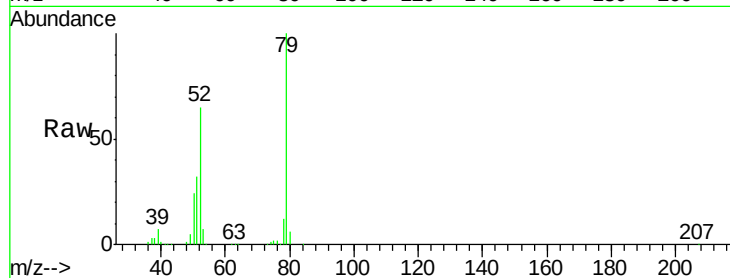
Tgt Ion: 79 Resp: 264552

Ion Ratio Lower Upper

79 100

52 64.5 56.3 84.5

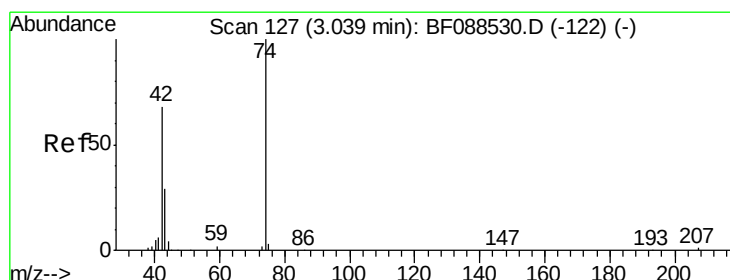
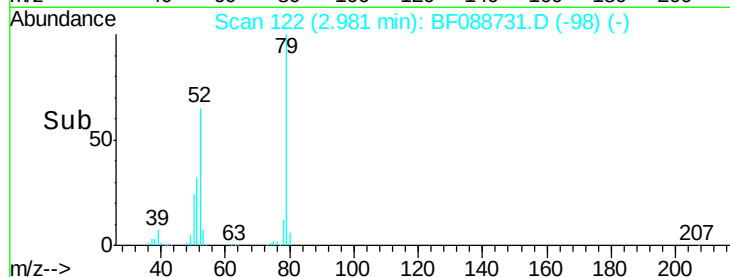
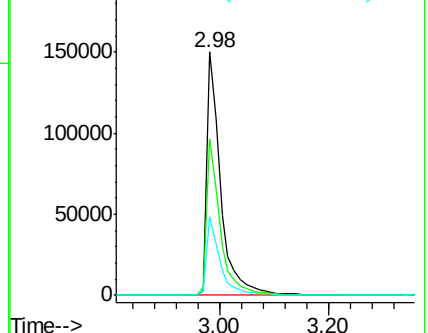
51 32.1 27.4 41.2



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: 32.79 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

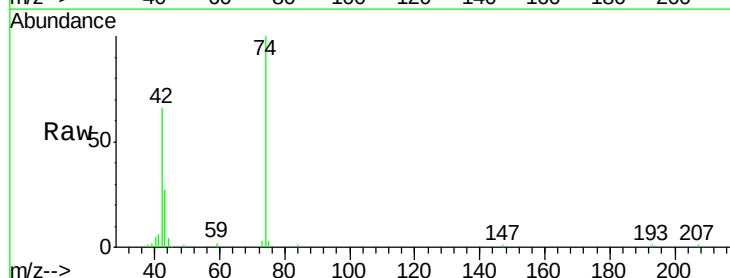
Tgt Ion: 42 Resp: 102196

Ion Ratio Lower Upper

42 100

74 152.4 108.6 163.0

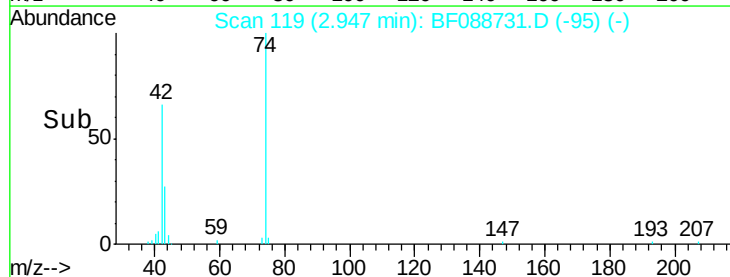
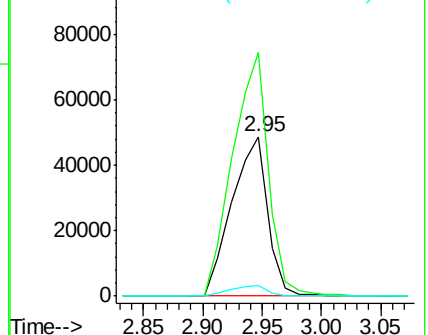
44 6.8 5.5 8.3

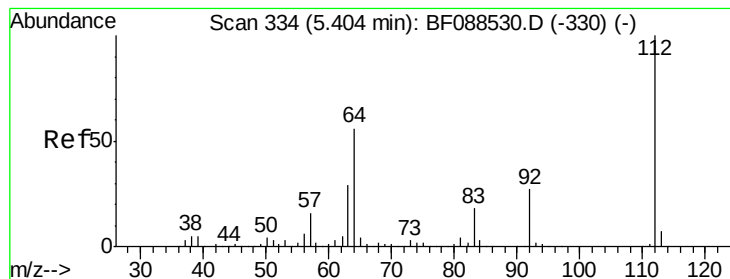


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 69.67 ng

RT: 5.36 min Scan# 330

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

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ClientSampleId :

SSTDCCC040

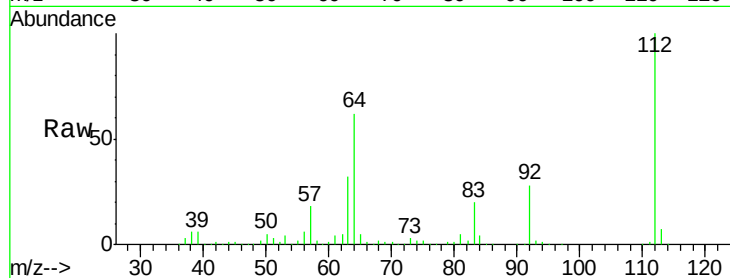
Tgt Ion: 112 Resp: 395081

Ion Ratio Lower Upper

112 100

64 61.6 42.2 63.2

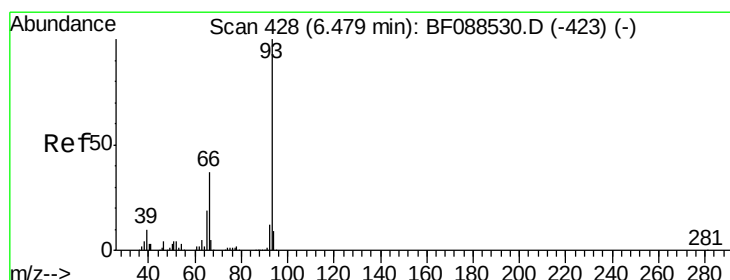
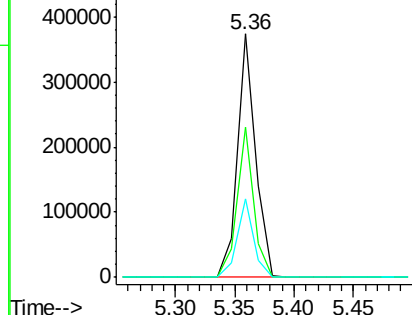
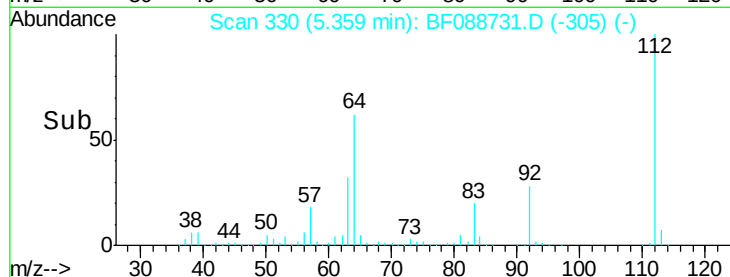
63 32.3 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.35 ng

RT: 6.43 min Scan# 424

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

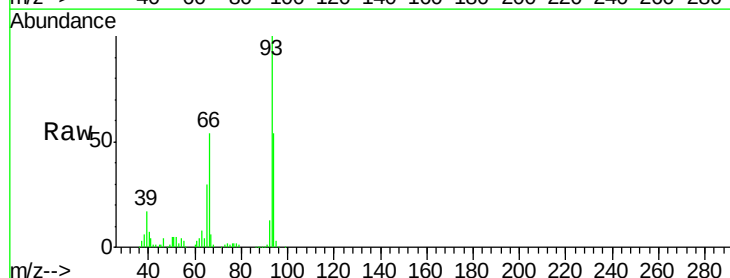
Tgt Ion: 93 Resp: 366790

Ion Ratio Lower Upper

93 100

66 54.3 29.8 44.8#

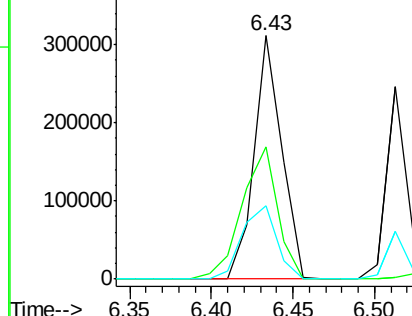
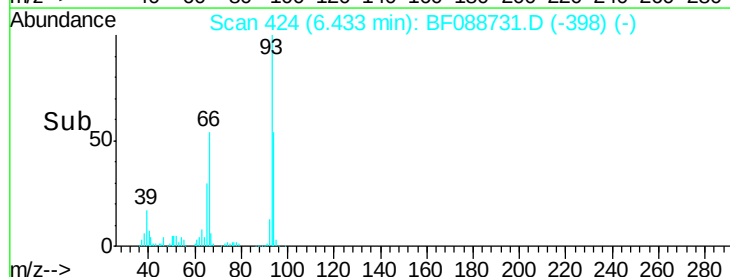
65 30.1 14.9 22.3#

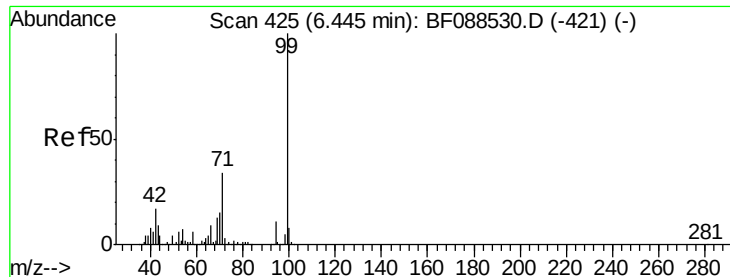


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 71.84 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088731.D

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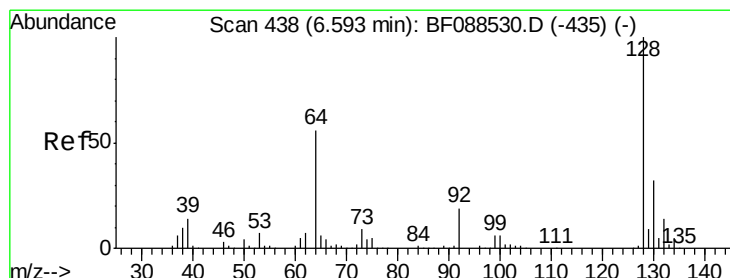
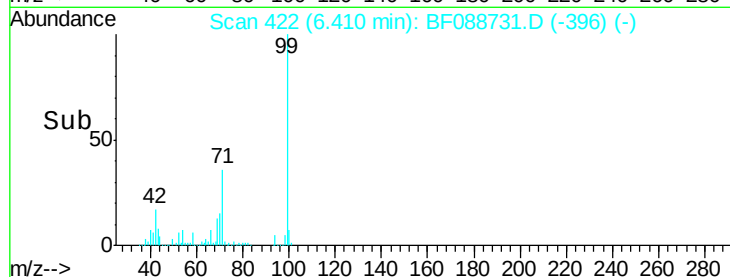
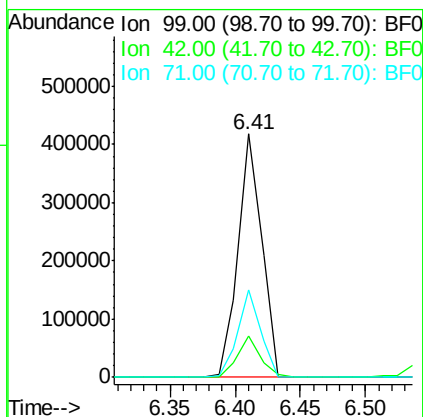
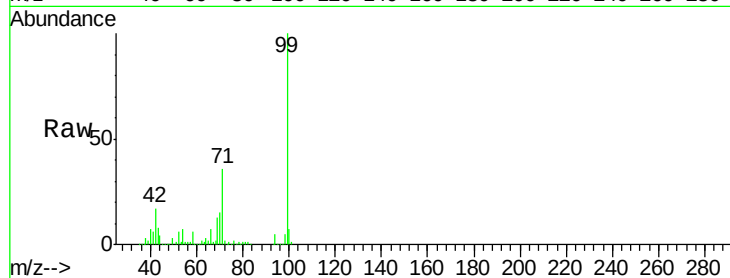
Tgt Ion: 99 Resp: 526384

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

71 36.1 23.4 35.0#



#8

2-Chlorophenol

Concen: 39.12 ng

RT: 6.56 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

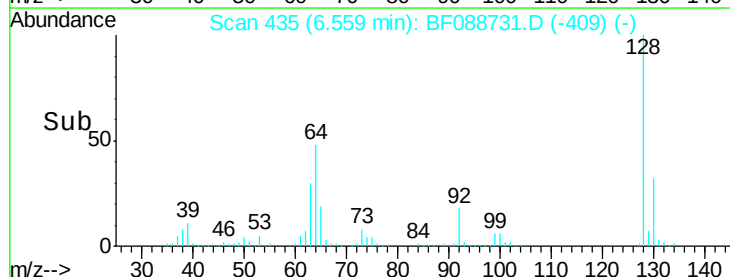
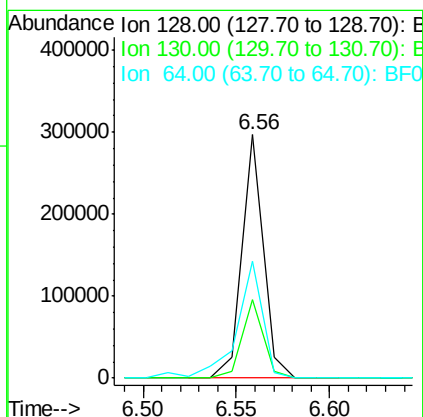
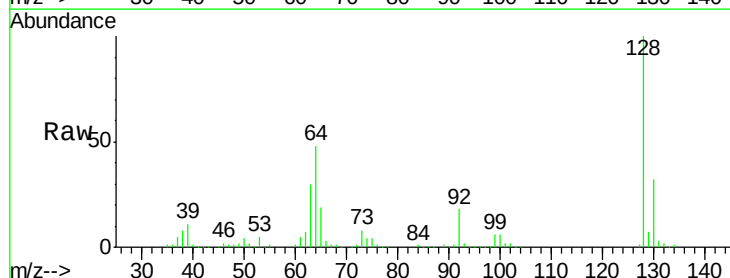
Tgt Ion: 128 Resp: 238425

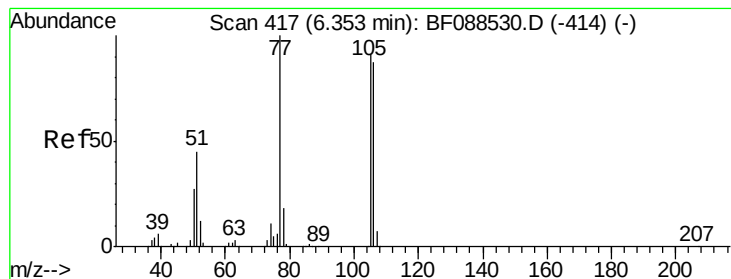
Ion Ratio Lower Upper

128 100

130 32.4 12.0 52.0

64 47.8 30.8 70.8





#9

Benzaldehyde

Concen: 34.37 ng

RT: 6.32 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

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SSTDCCC040

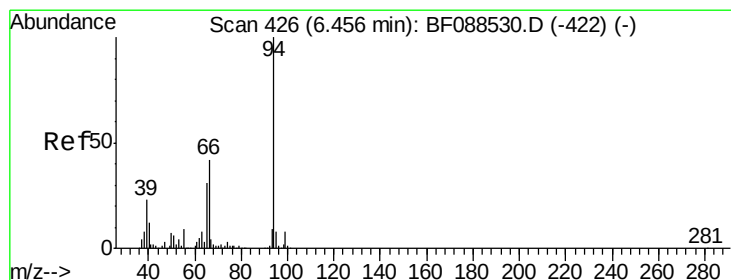
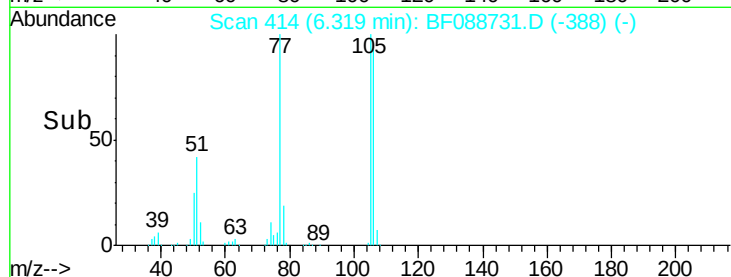
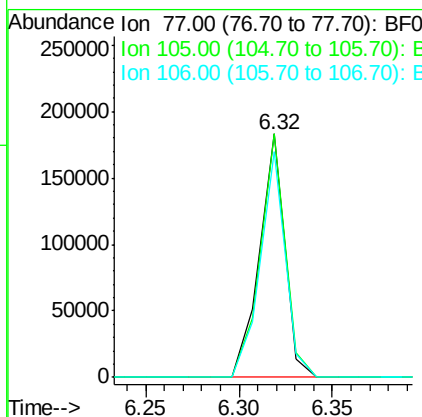
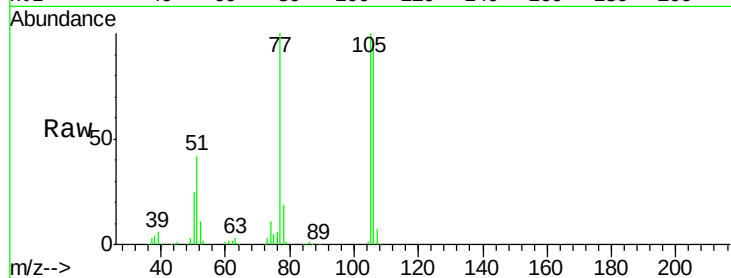
Tgt Ion: 77 Resp: 170574

Ion Ratio Lower Upper

77 100

105 100.1 90.6 130.6

106 92.6 85.3 125.3



#10

Phenol

Concen: 32.06 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

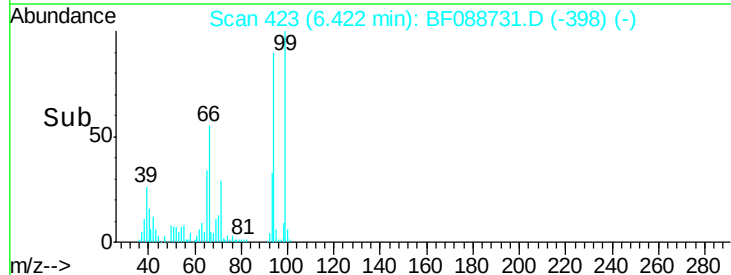
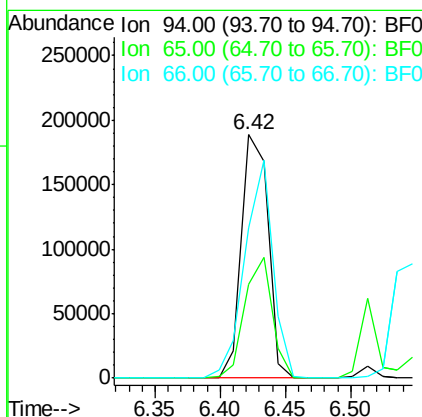
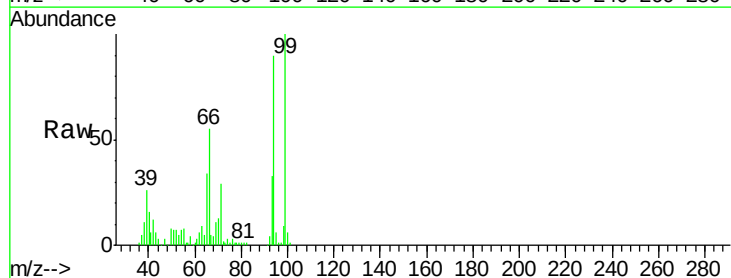
Tgt Ion: 94 Resp: 268129

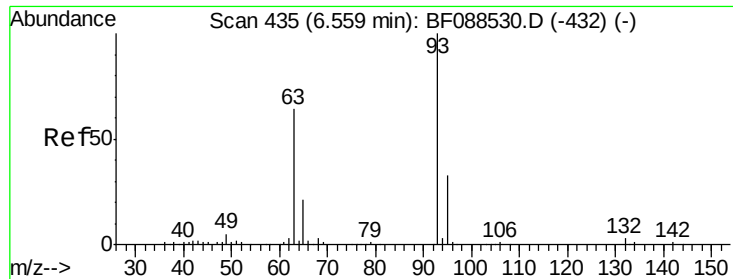
Ion Ratio Lower Upper

94 100

65 38.4 5.9 45.9

66 61.5 14.0 54.0#





#11

bis(2-Chloroethyl)ether

Concen: 34.00 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

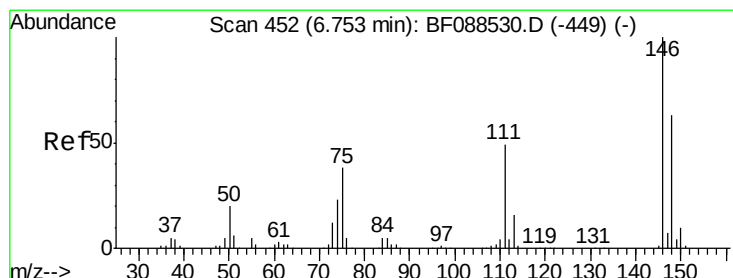
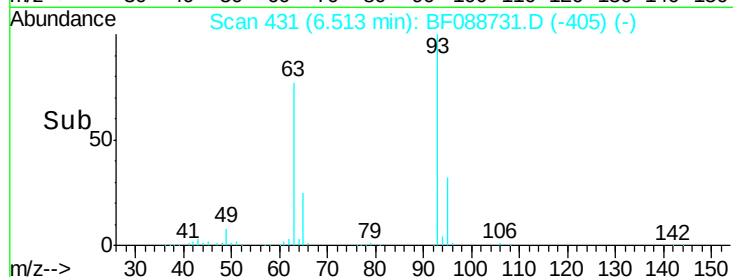
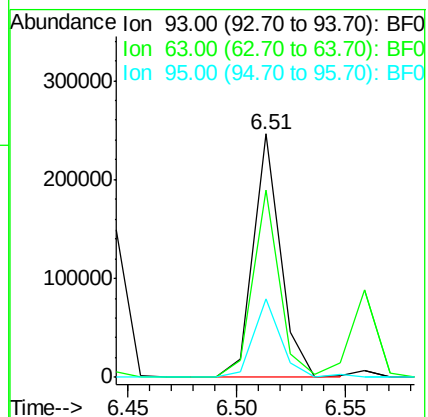
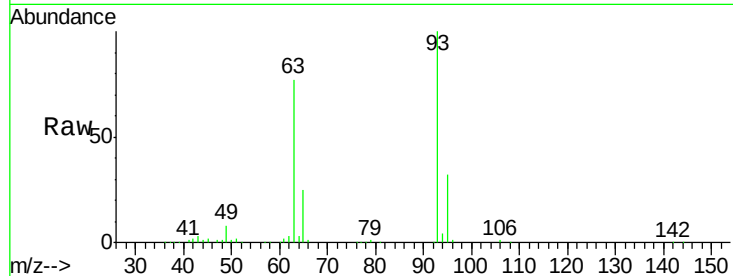
Tgt Ion: 93 Resp: 212028

Ion Ratio Lower Upper

93 100

63 77.2 67.6 107.6

95 32.0 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 39.81 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

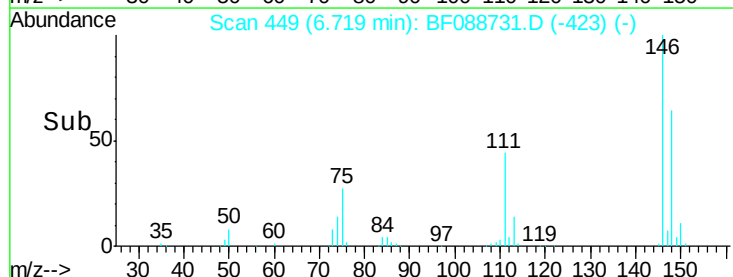
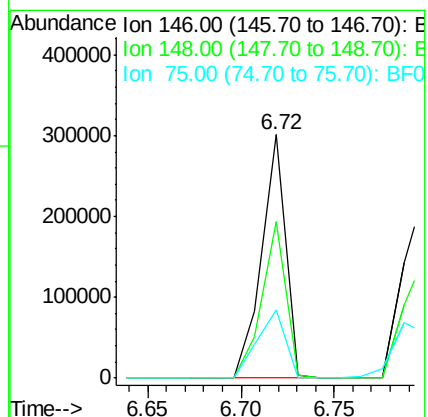
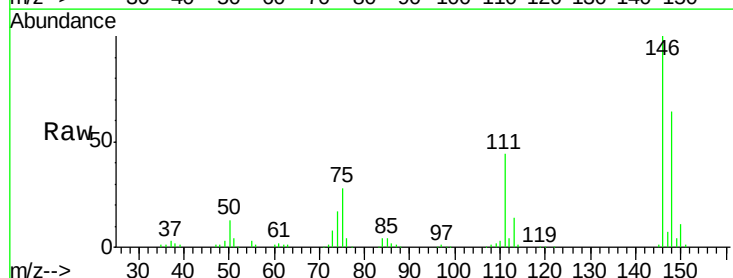
Tgt Ion: 146 Resp: 267013

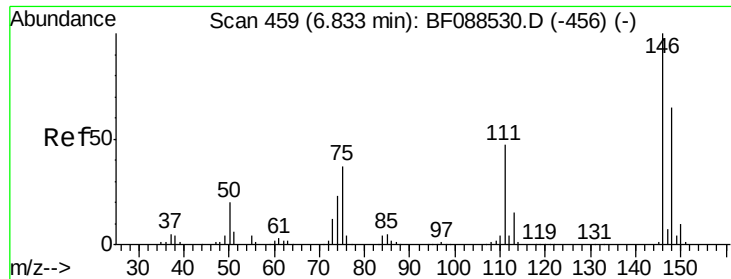
Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

75 28.0 25.6 38.4

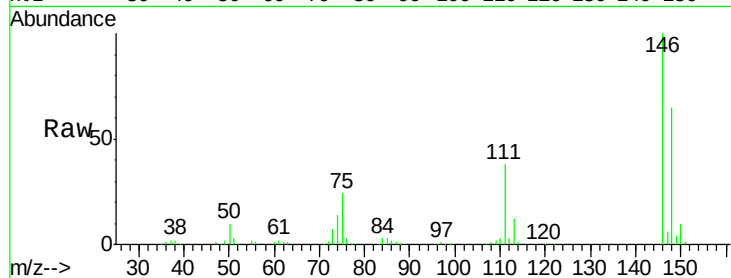




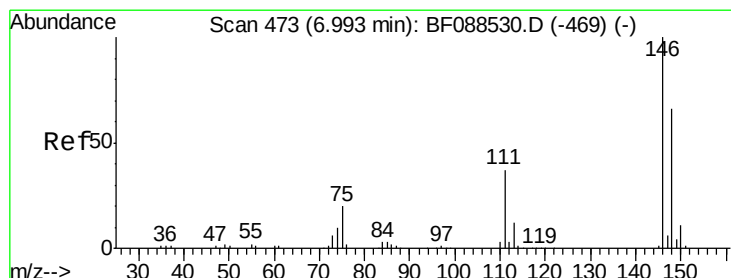
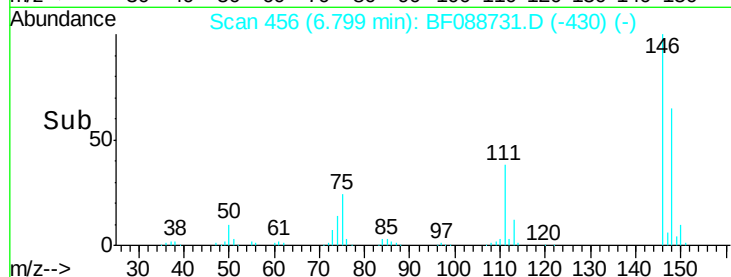
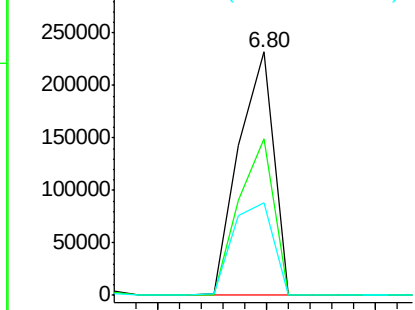
#13
 1,4-Dichlorobenzene
 Concen: 38.89 ng
 RT: 6.80 min Scan# 456
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 258916
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.0 78.0
 111 38.1 33.8 50.8

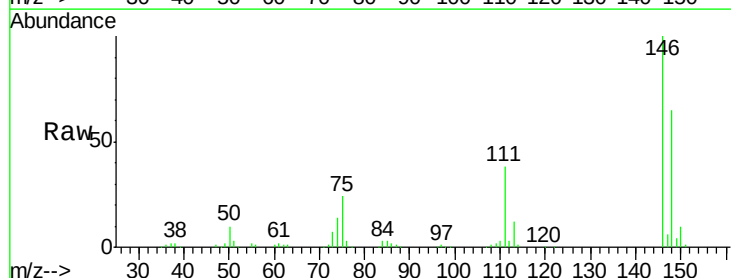


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

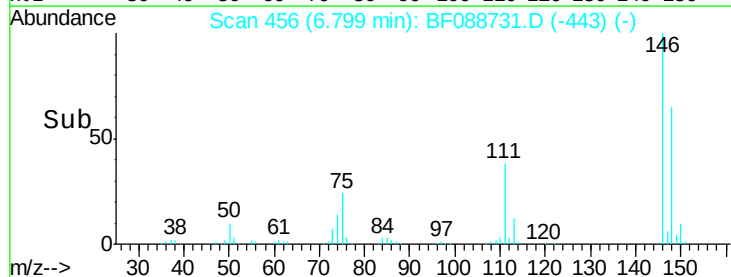
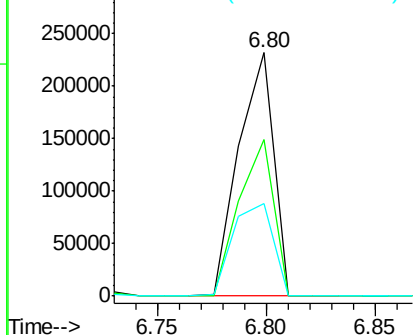


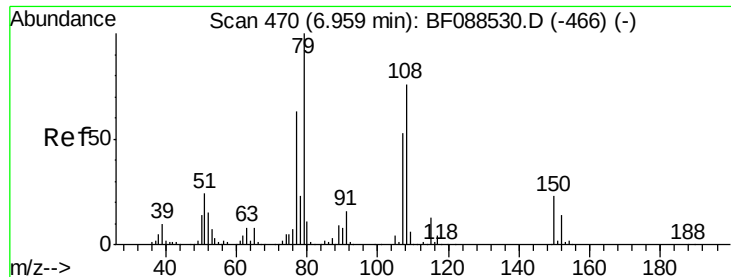
#14
 1,2-Dichlorobenzene
 Concen: 41.55 ng
 RT: 6.80 min Scan# 456
 Delta R.T. -0.15 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:146 Resp: 258916
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.3 78.5
 111 38.1 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: 39.47 ng

RT: 6.92 min Scan# 467

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

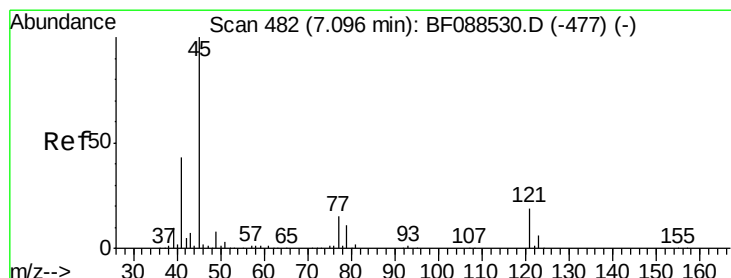
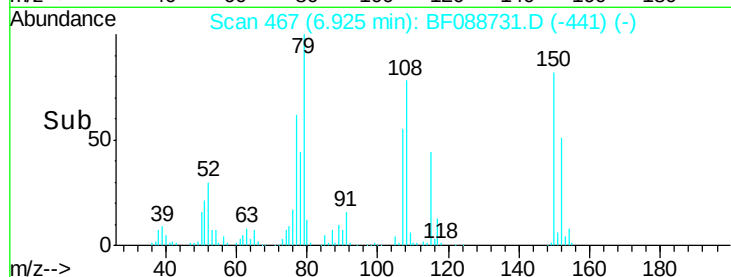
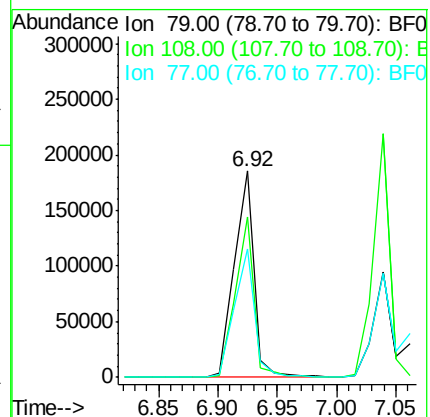
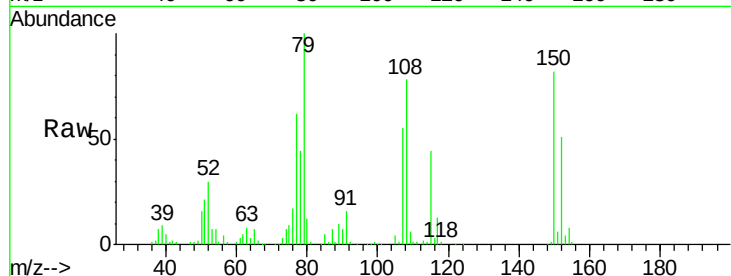
Tgt Ion: 79 Resp: 212862

Ion Ratio Lower Upper

79 100

108 78.0 65.0 97.6

77 62.4 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.72 ng

RT: 7.06 min Scan# 479

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

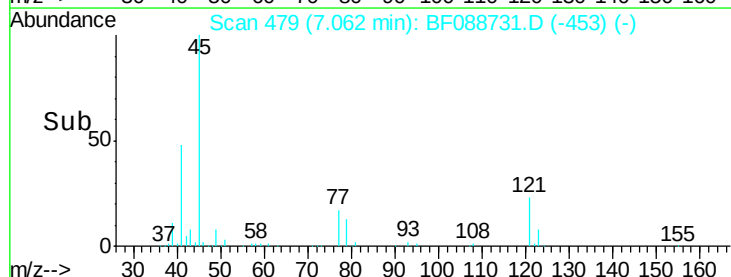
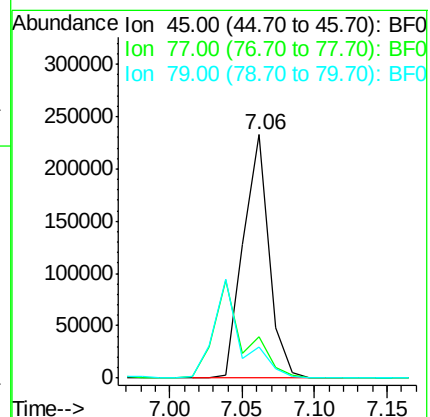
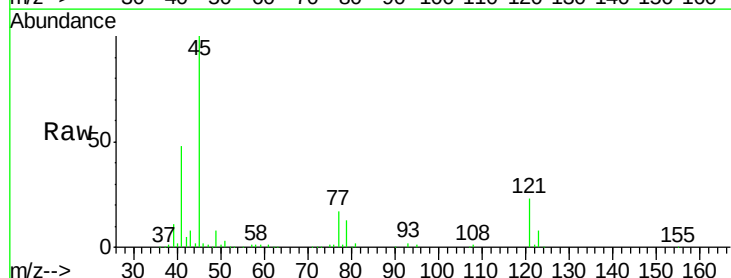
Tgt Ion: 45 Resp: 286442

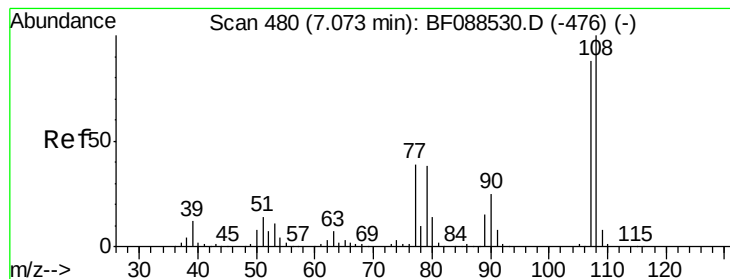
Ion Ratio Lower Upper

45 100

77 16.9 0.0 32.5

79 12.9 0.0 29.5





#17

2-Methylphenol

Concen: 38.06 ng

RT: 7.04 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 189239

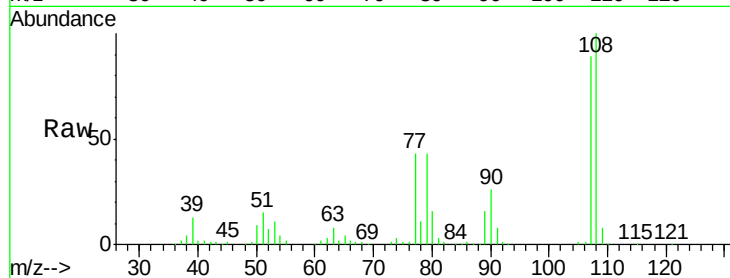
Ion Ratio Lower Upper

107 100

108 112.1 90.9 136.3

77 48.0 36.6 55.0

79 48.7 36.5 54.7

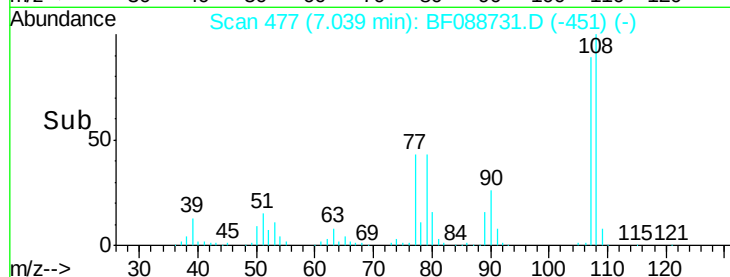


Abundance Ion 107.00 (106.70 to 107.70): E

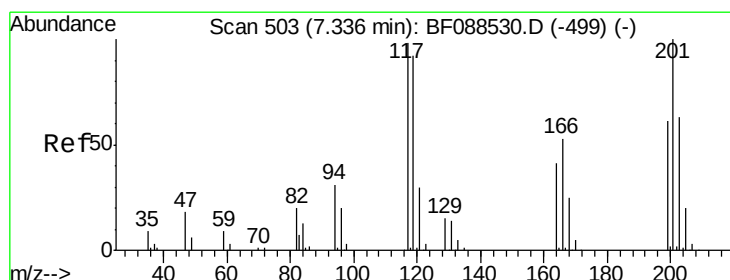
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 36.48 ng

RT: 7.29 min Scan# 499

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

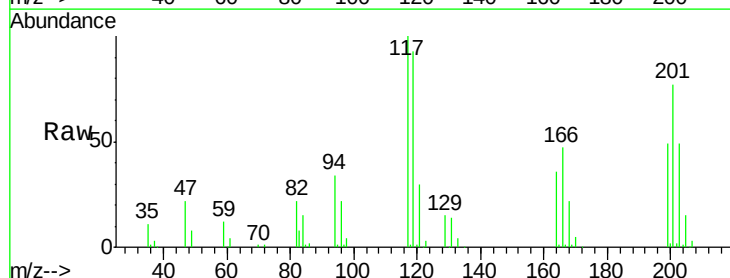
Tgt Ion:117 Resp: 93943

Ion Ratio Lower Upper

117 100

119 92.8 77.4 116.2

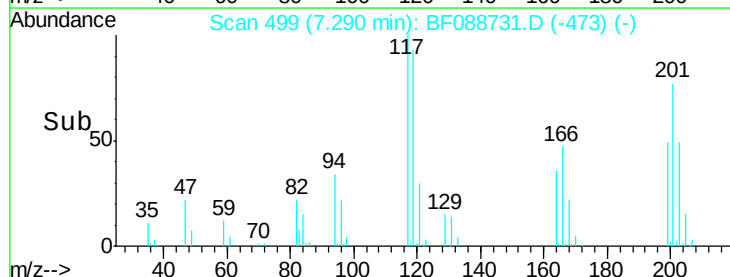
201 77.2 80.4 120.6#



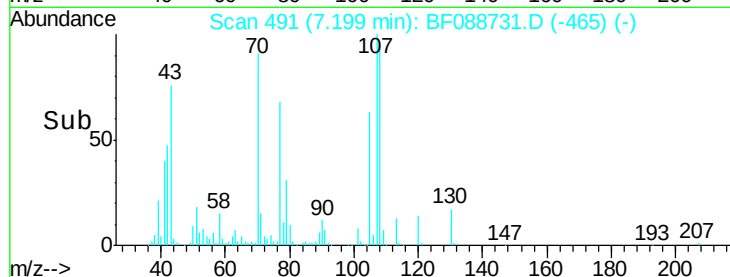
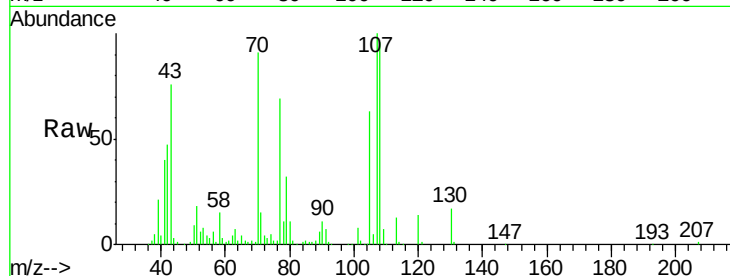
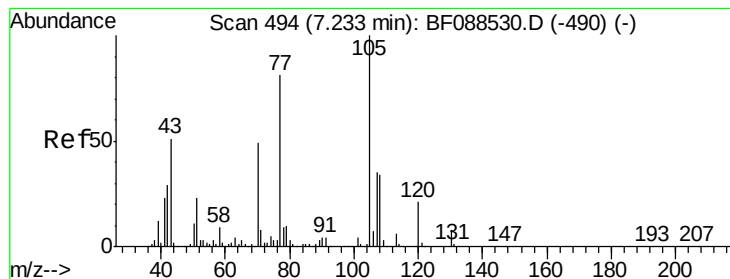
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 34.43 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 169445

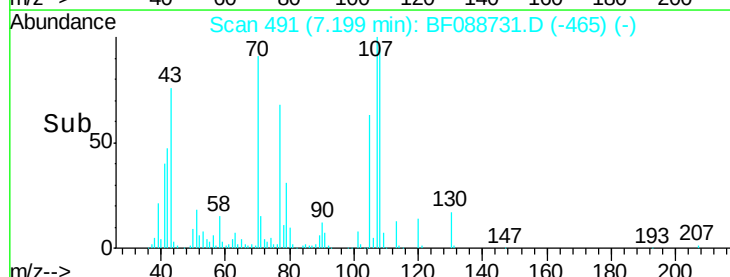
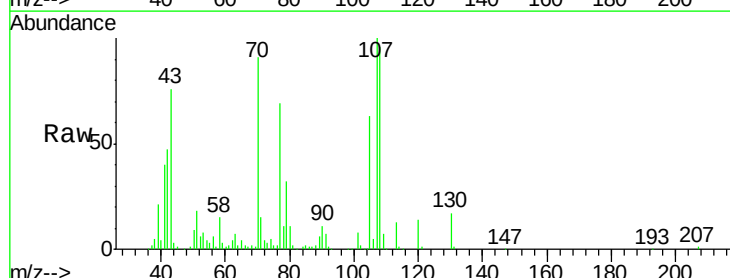
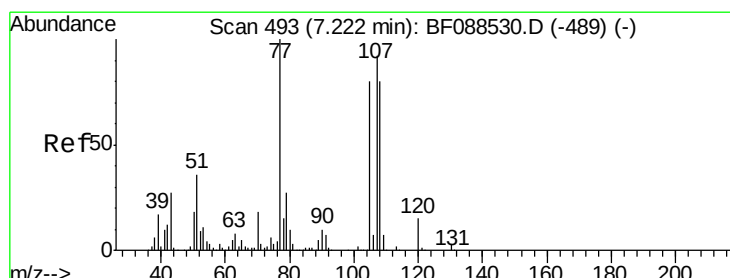
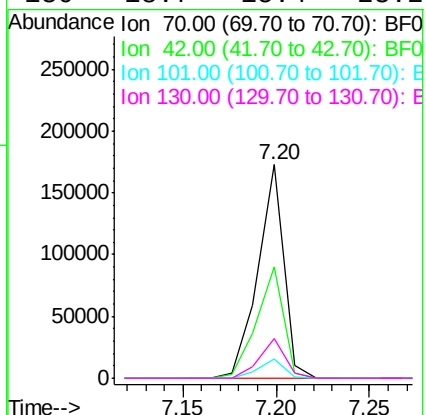
Ion Ratio Lower Upper

70 100

42 52.0 49.6 74.4

101 9.2 7.1 10.7

130 18.7 15.4 23.2



#20

3+4-Methylphenols

Concen: 40.07 ng

RT: 7.20 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Tgt Ion: 107 Resp: 239105

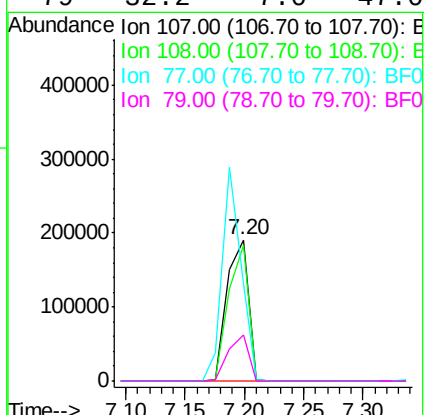
Ion Ratio Lower Upper

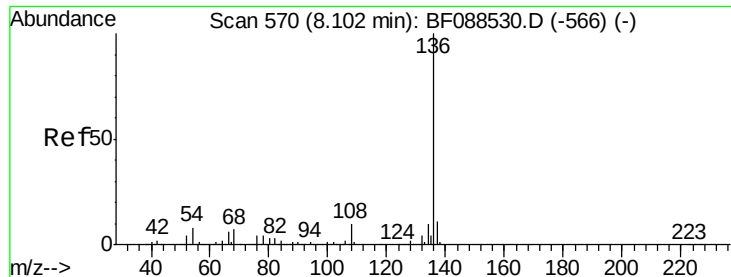
107 100

108 95.6 67.8 107.8

77 68.9 59.3 99.3

79 32.2 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 330667

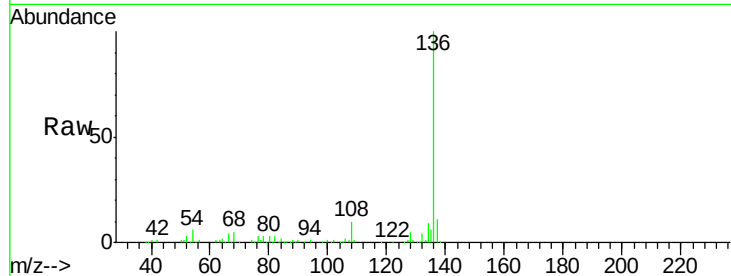
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.5 6.6 10.0#

68 4.7 5.1 7.7#

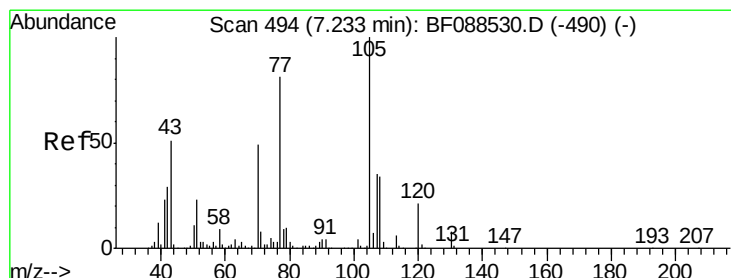
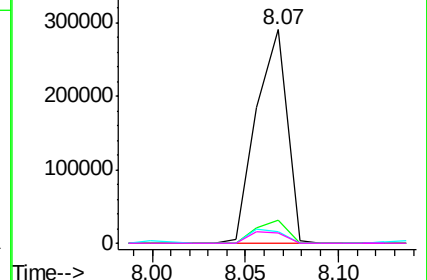
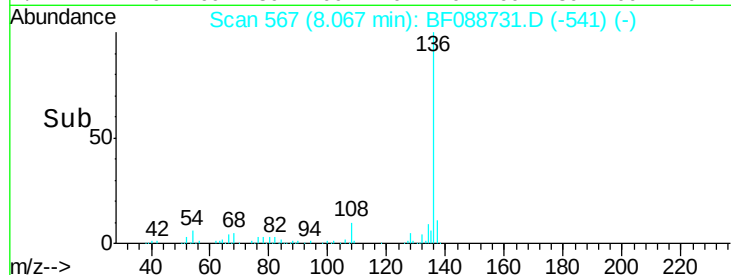


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.72 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Tgt Ion:105 Resp: 310730

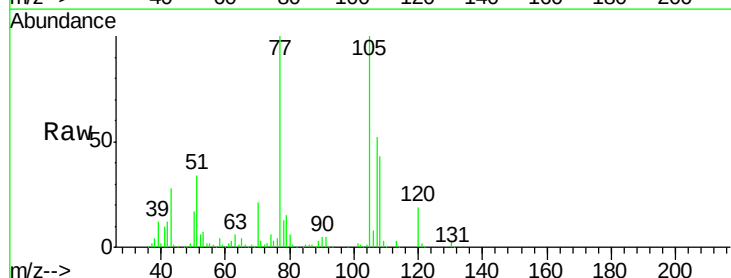
Ion Ratio Lower Upper

105 100

71 3.4 5.3 7.9#

51 33.5 18.2 27.4#

120 19.4 18.0 27.0

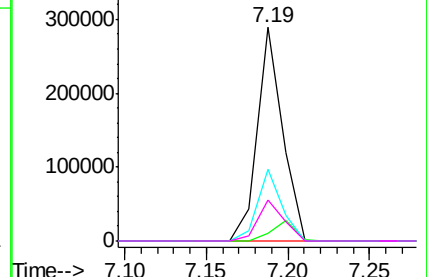
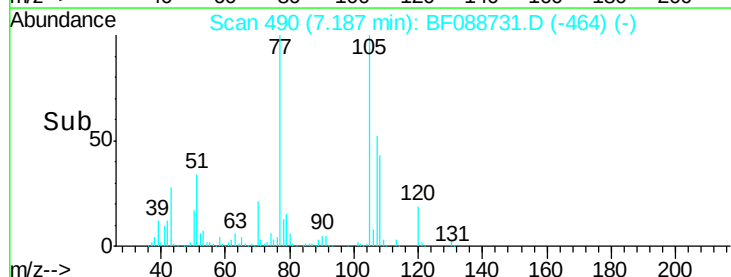


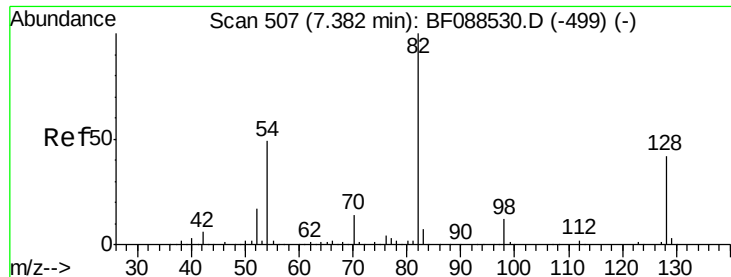
Abundance Ion 105.00 (104.70 to 105.70): E

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

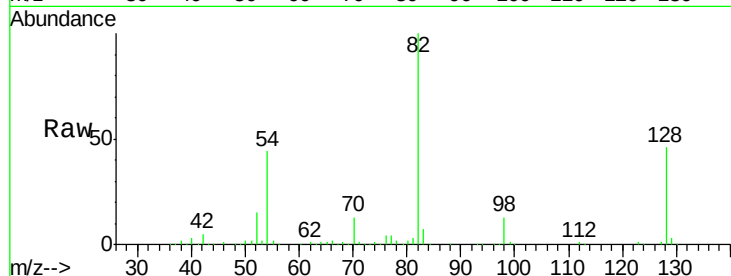




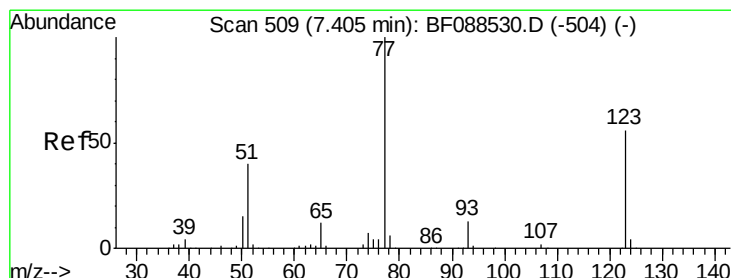
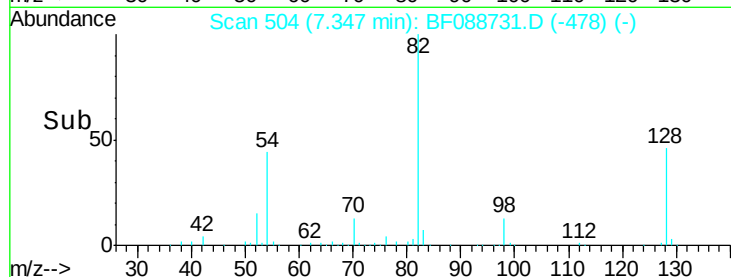
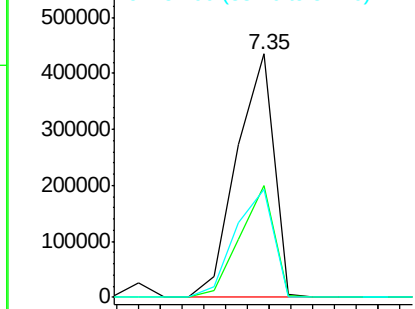
#23
 Nitrobenzene-d5
 Concen: 81.53 ng
 RT: 7.35 min Scan# 504
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 82 Resp: 514443
 Ion Ratio Lower Upper
 82 100
 128 45.8 35.9 53.9
 54 44.2 40.9 61.3

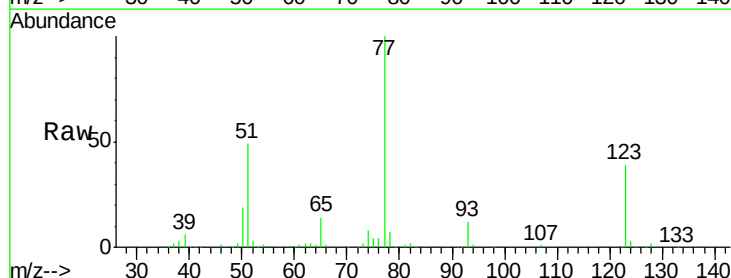


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

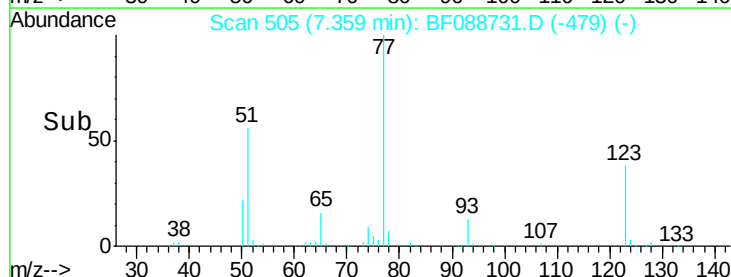
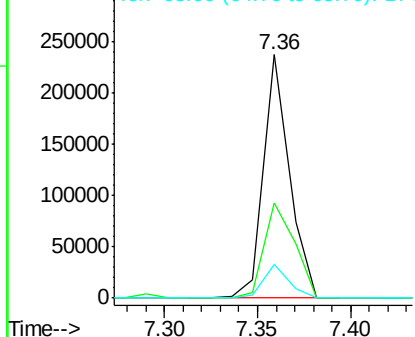


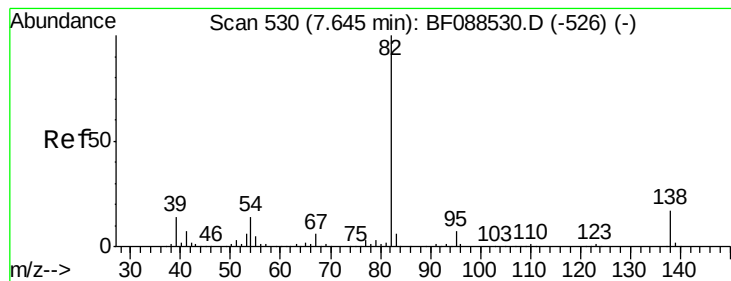
#24
 Nitrobenzene
 Concen: 35.69 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion: 77 Resp: 227028
 Ion Ratio Lower Upper
 77 100
 123 39.1 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): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.42 ng

RT: 7.60 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

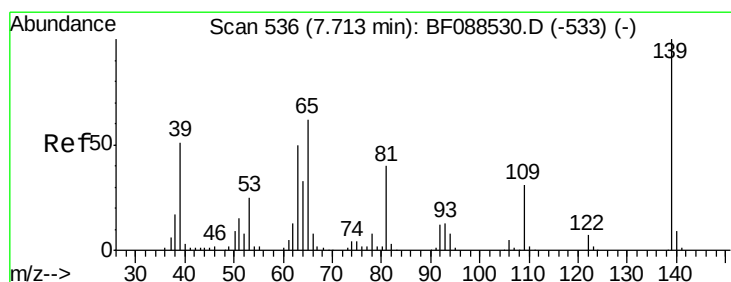
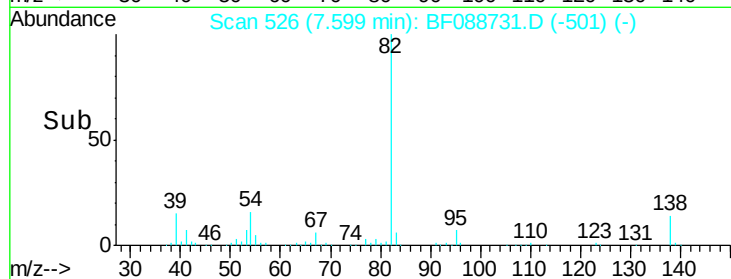
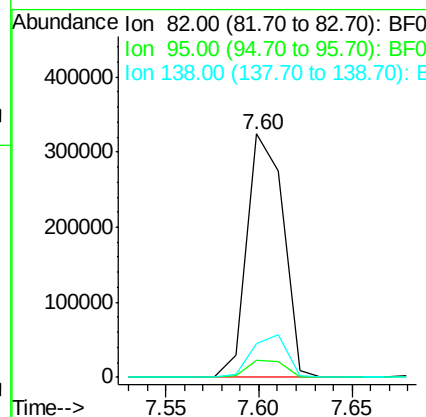
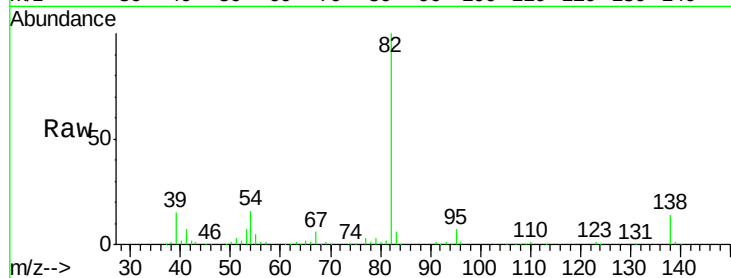
Tgt Ion: 82 Resp: 437357

Ion Ratio Lower Upper

82 100

95 6.8 5.4 8.2

138 14.1 14.6 21.8#



#26

2-Nitrophenol

Concen: 42.14 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

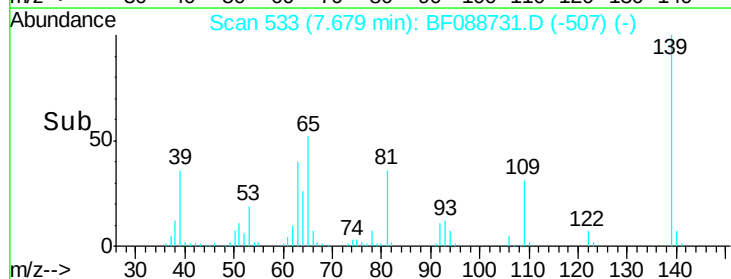
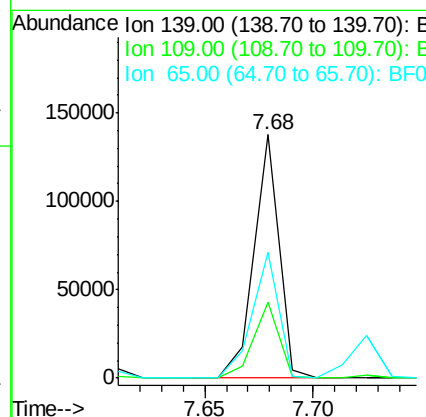
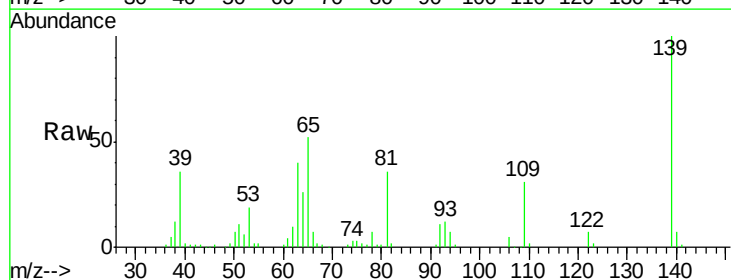
Tgt Ion: 139 Resp: 109934

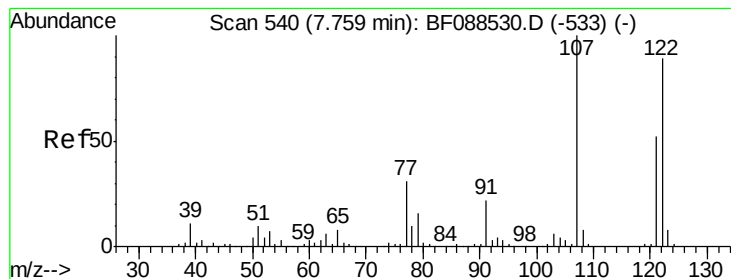
Ion Ratio Lower Upper

139 100

109 31.1 23.0 34.4

65 51.6 45.8 68.8





#27

2,4-Dimethylphenol

Concen: 41.11 ng

RT: 7.72 min Scan# 537

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

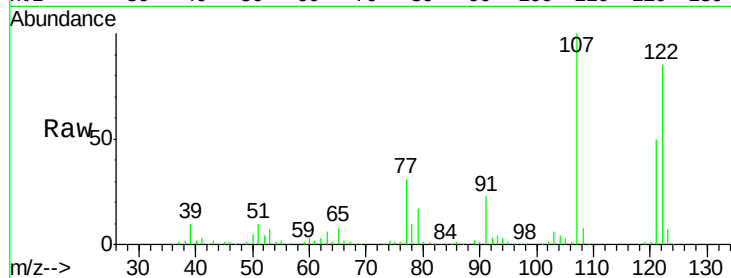
Tgt Ion: 122 Resp: 223399

Ion Ratio Lower Upper

122 100

107 117.8 82.4 123.6

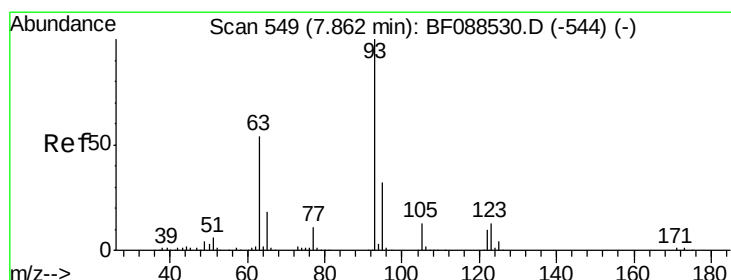
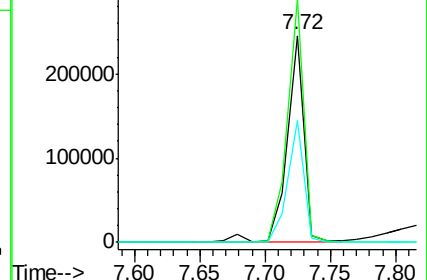
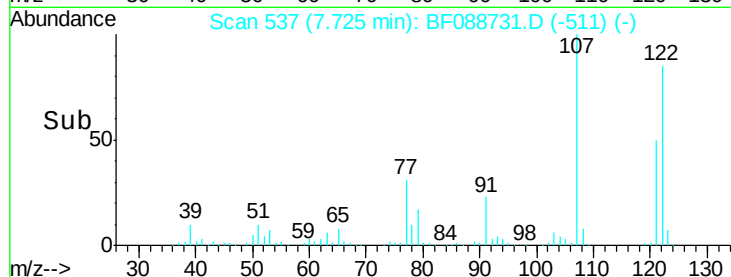
121 58.9 46.3 69.5



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: 34.73 ng

RT: 7.82 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

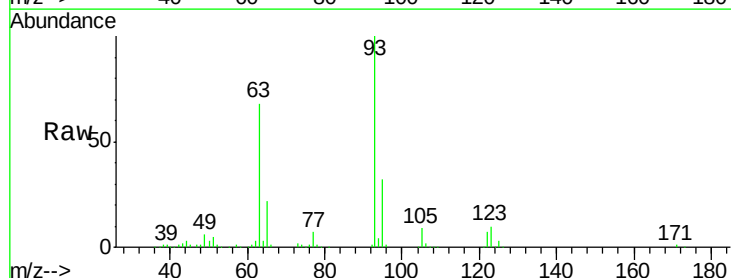
Tgt Ion: 93 Resp: 264156

Ion Ratio Lower Upper

93 100

95 32.1 26.5 39.7

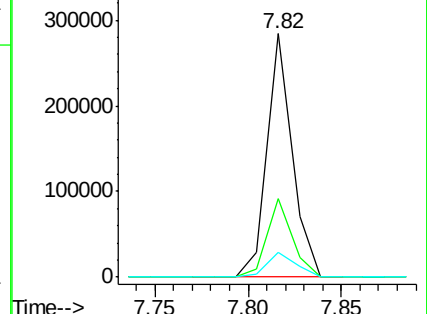
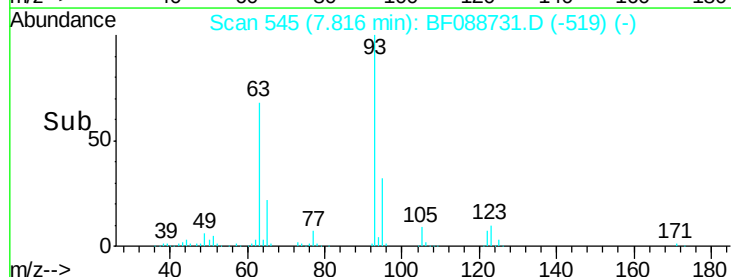
123 10.0 11.6 17.4#

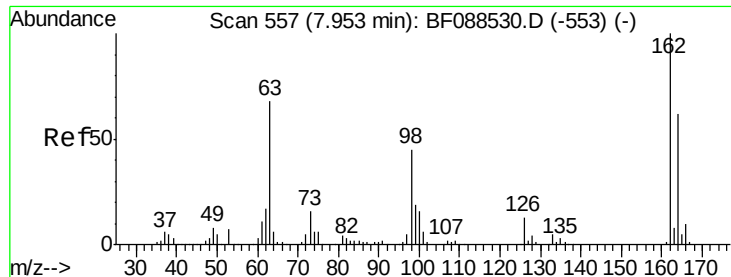


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

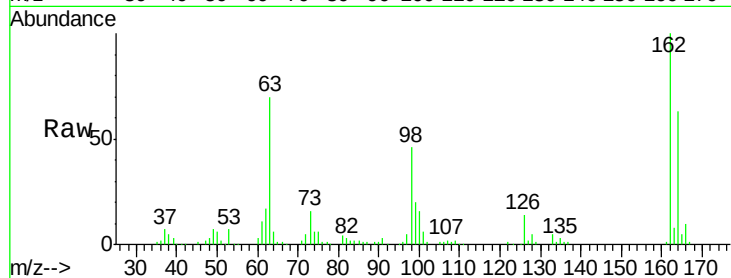




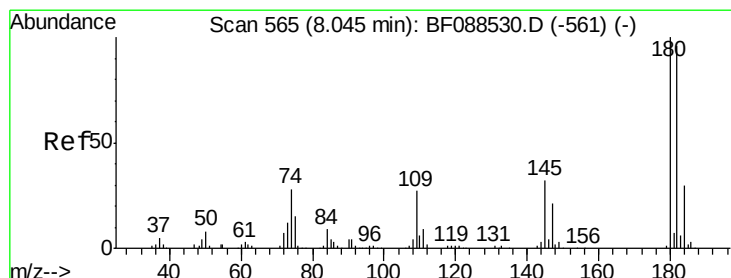
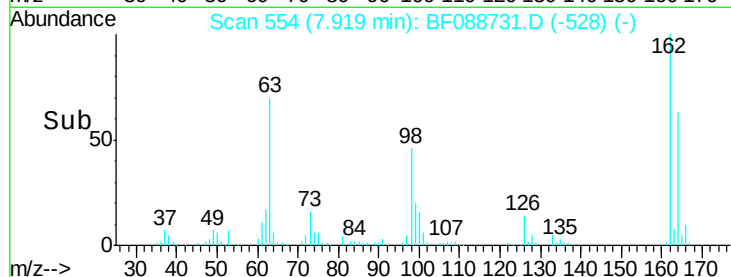
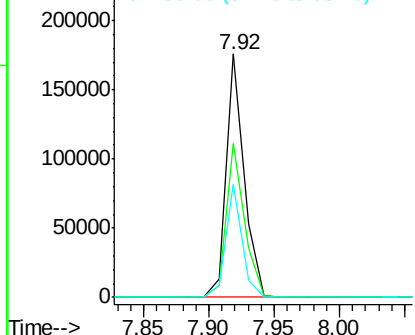
#29
 2,4-Dichlorophenol
 Concen: 38.26 ng
 RT: 7.92 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 167994
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.8 83.8
 98 46.4 21.3 61.3

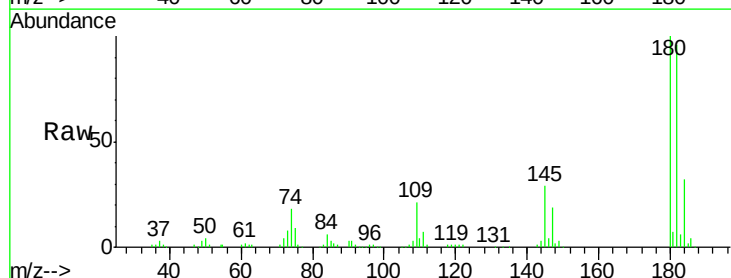


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

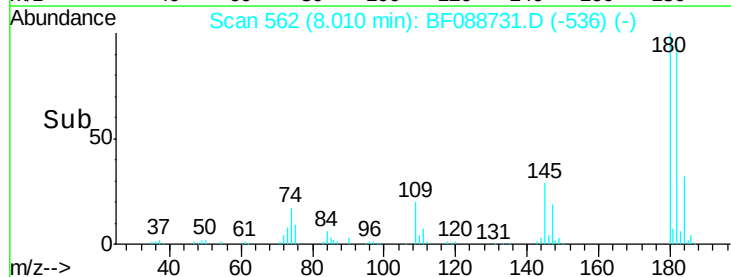
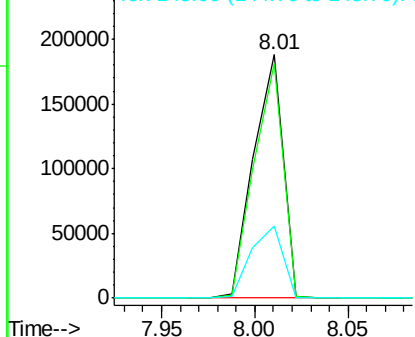


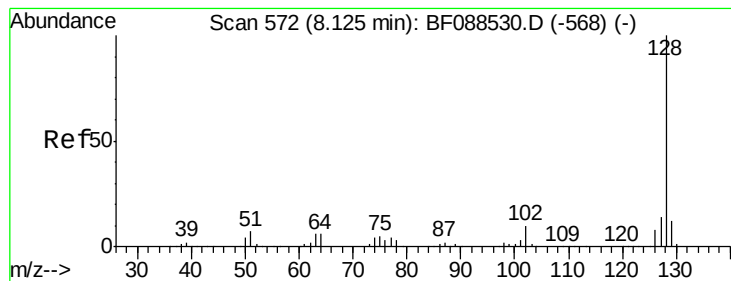
#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 8.01 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:180 Resp: 205105
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.0 114.0
 145 29.5 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: 40.71 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

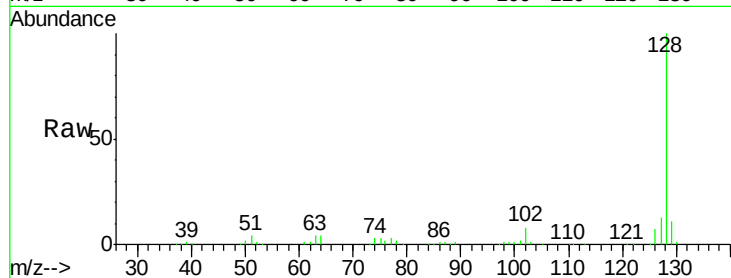
Tgt Ion:128 Resp: 663715

Ion Ratio Lower Upper

128 100

129 10.6 9.4 14.2

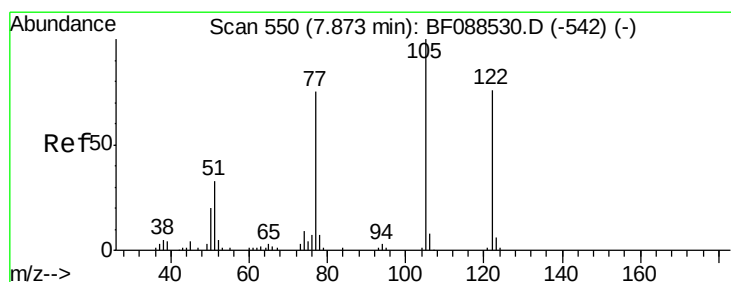
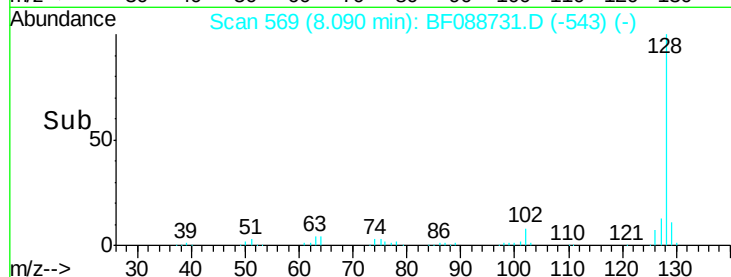
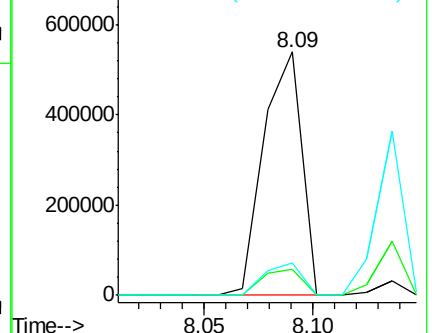
127 13.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 23.01 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.03 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

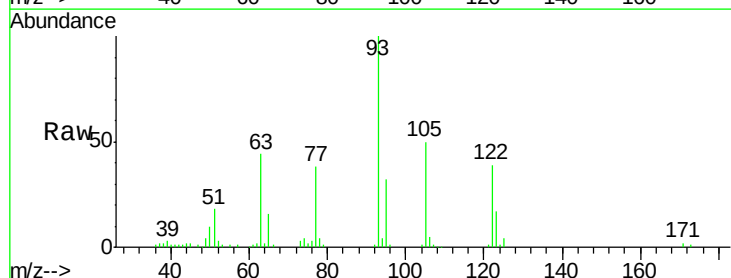
Tgt Ion:122 Resp: 90781

Ion Ratio Lower Upper

122 100

105 129.0 101.6 141.6

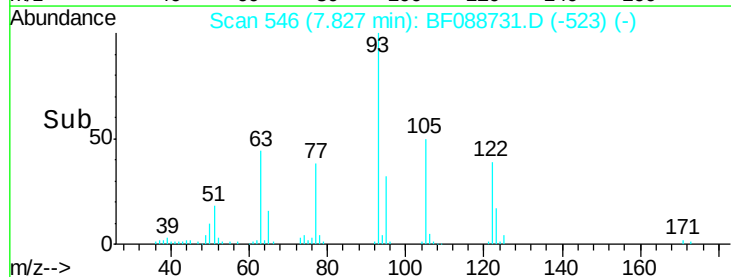
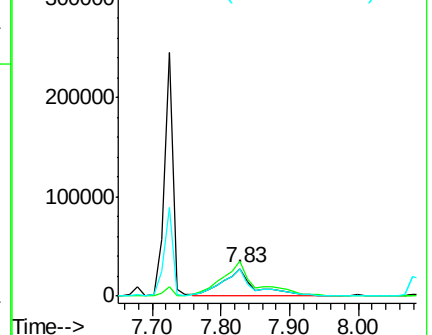
77 98.3 70.6 110.6

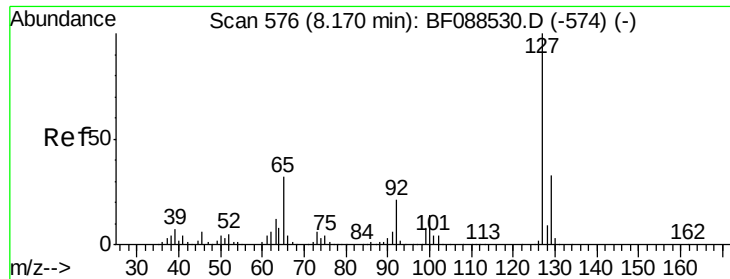


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

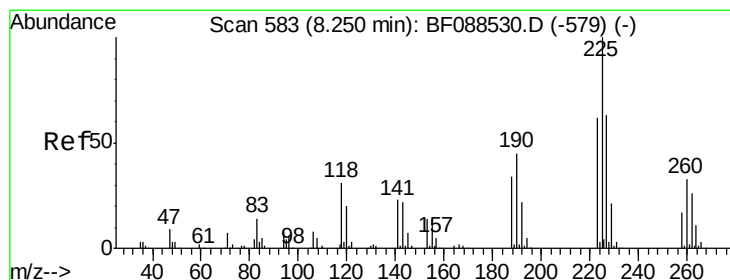
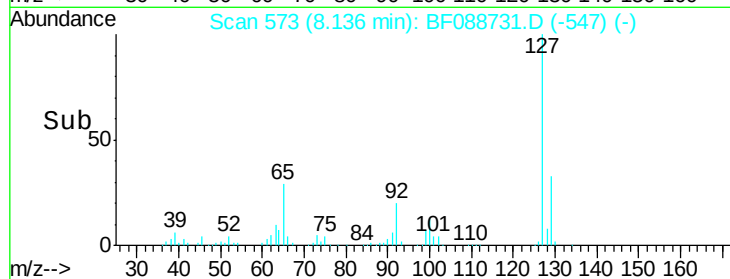
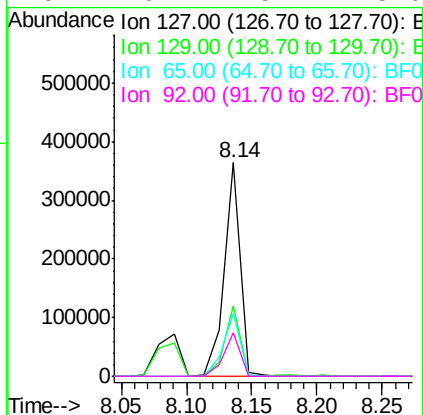
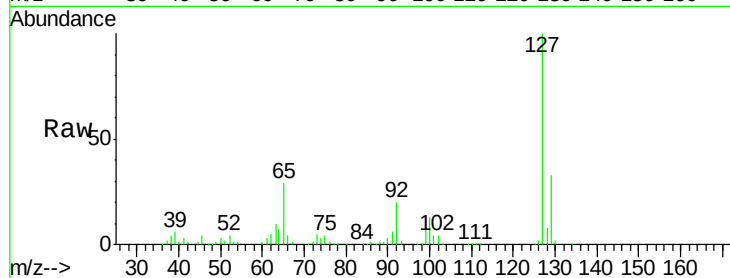




#33
4-Chloroaniline
Concen: 42.93 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

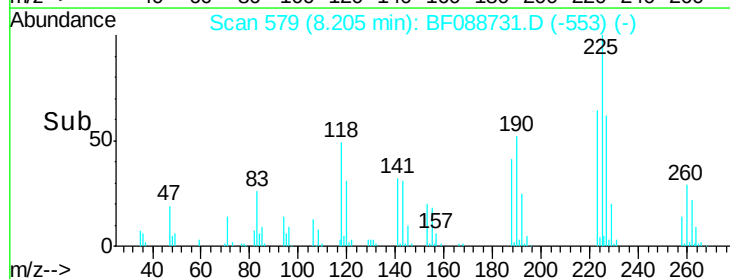
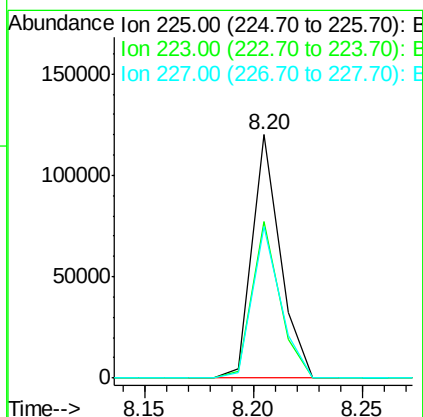
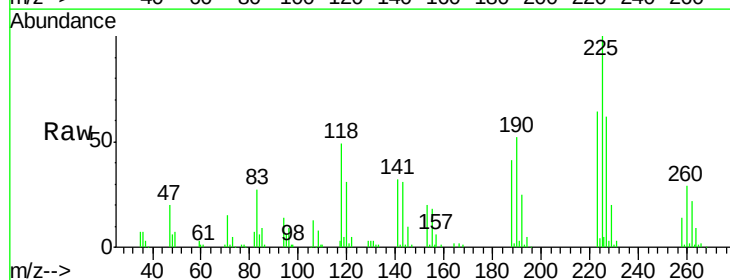
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

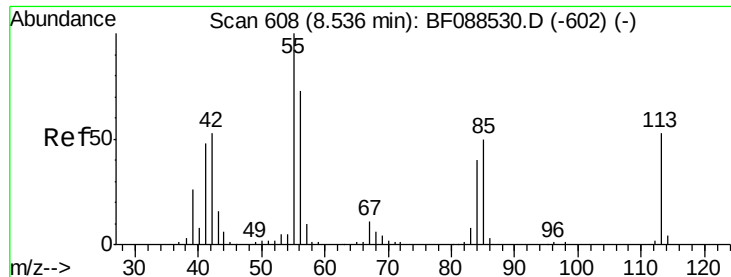
Tgt Ion:	127	Resp:	311344
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.3	39.5
65	29.2	24.7	37.1
92	20.1	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.78 ng
RT: 8.20 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:	225	Resp:	107819
Ion	Ratio	Lower	Upper
225	100		
223	64.3	50.9	76.3
227	62.4	51.9	77.9

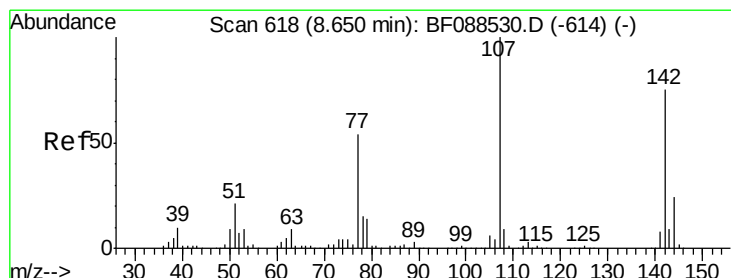
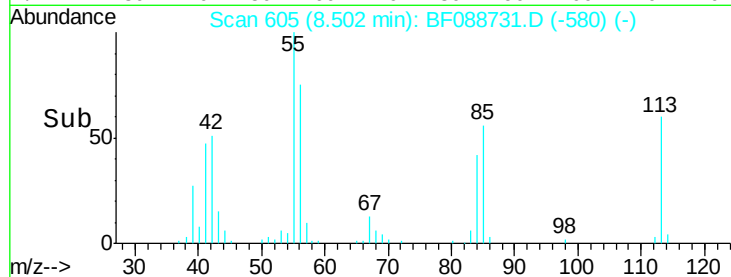
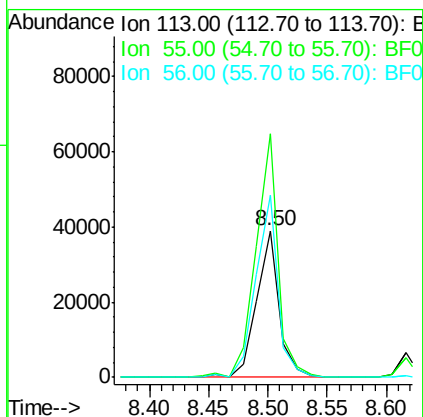
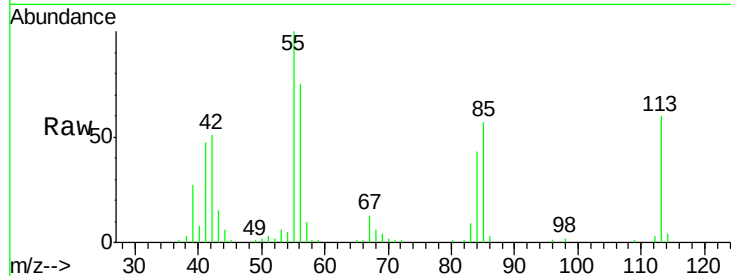




#35
 Caprolactam
 Concen: 34.48 ng
 RT: 8.50 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

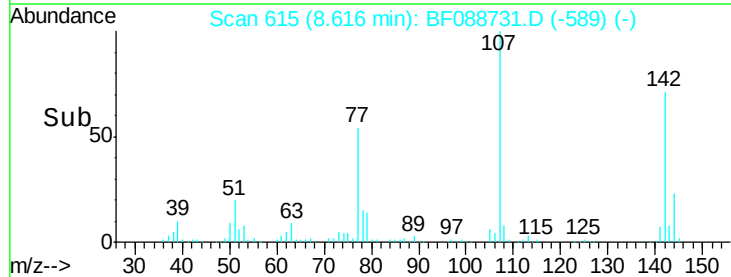
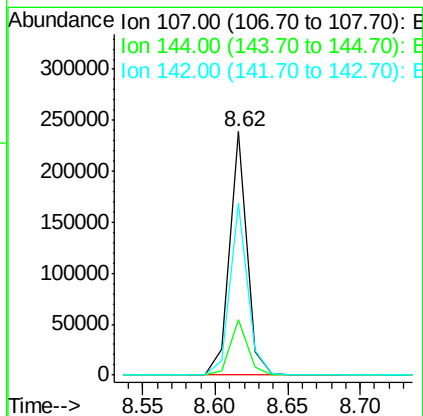
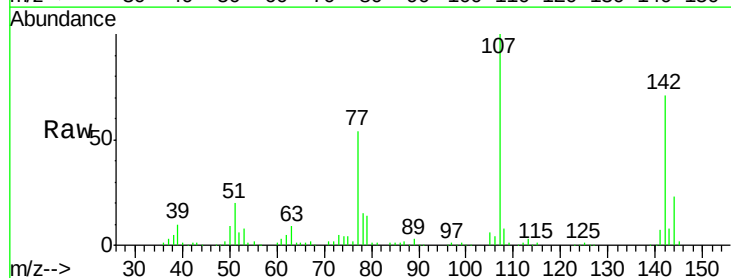
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

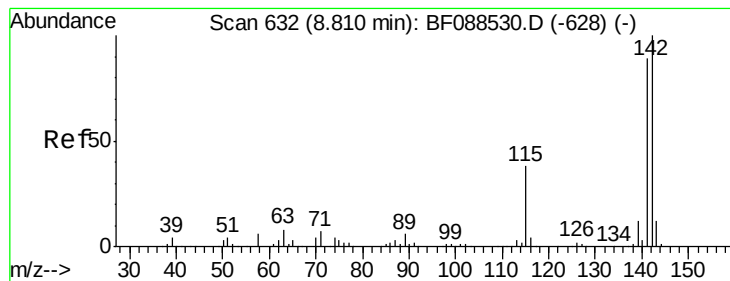
Tgt Ion:113 Resp: 51430
 Ion Ratio Lower Upper
 113 100
 55 166.1 158.6 198.6
 56 124.0 110.6 150.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.41 ng
 RT: 8.62 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:107 Resp: 199472
 Ion Ratio Lower Upper
 107 100
 144 22.9 20.8 31.2
 142 70.9 63.4 95.2





#37

2-Methylnaphthalene

Concen: 41.87 ng

RT: 8.78 min Scan# 629

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

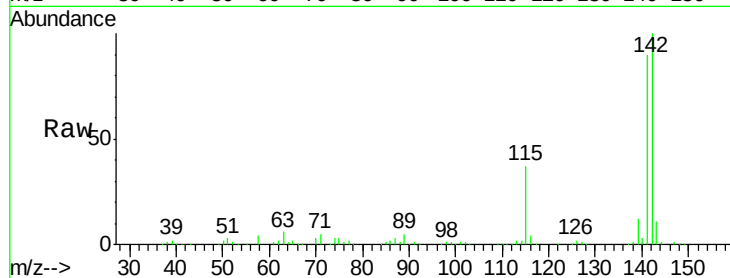
Tgt Ion:142 Resp: 439508

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.6

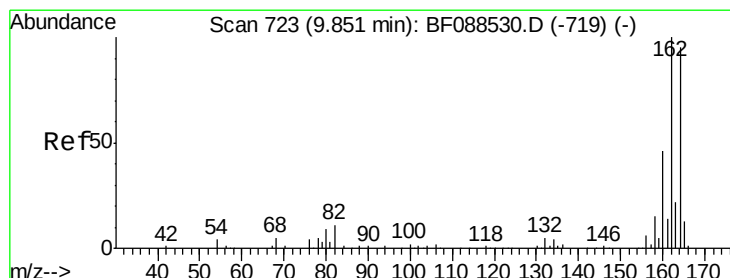
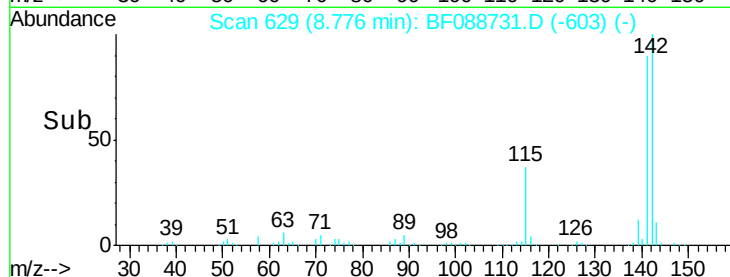
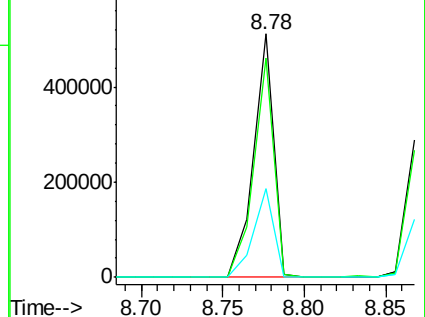
115 36.7 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

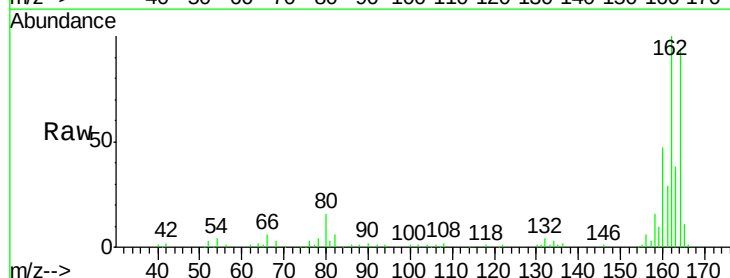
Tgt Ion:164 Resp: 135326

Ion Ratio Lower Upper

164 100

162 106.0 85.4 128.2

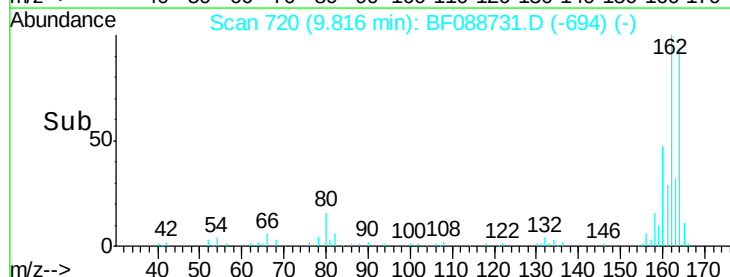
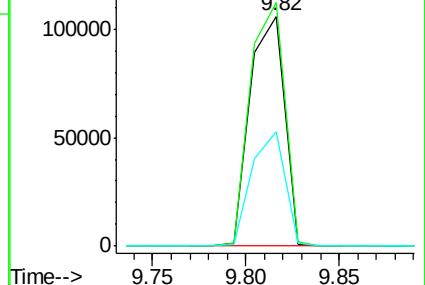
160 49.6 39.5 59.3

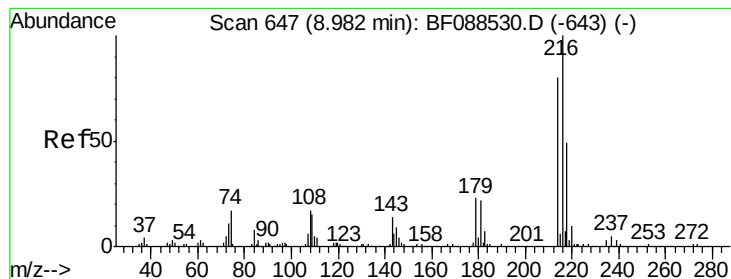


Abundance Ion 164.00 (163.70 to 164.70): E

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: 44.87 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:216 Resp: 201977

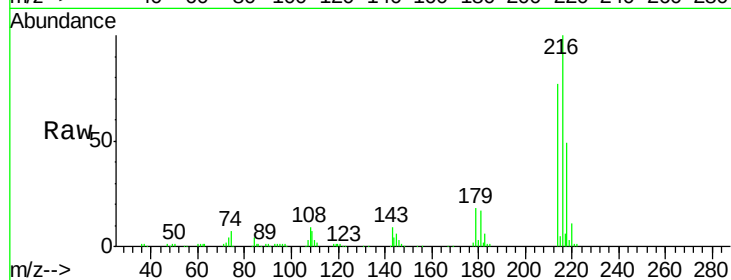
Ion Ratio Lower Upper

216 100

214 78.6 2.9 4.3#

179 22.3 0.0 0.0#

108 19.6 0.5 0.7#

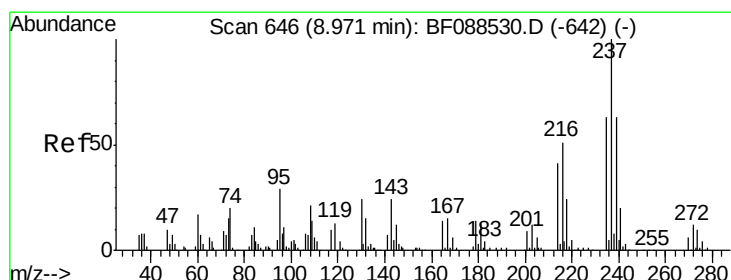
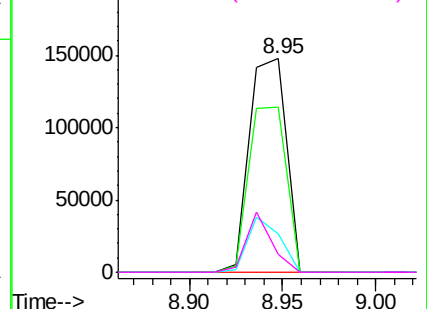
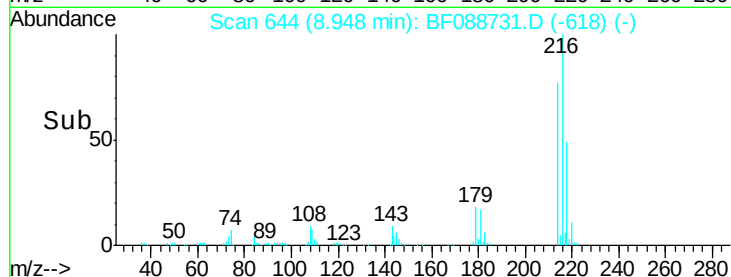


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.78 ng

RT: 8.94 min Scan# 643

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

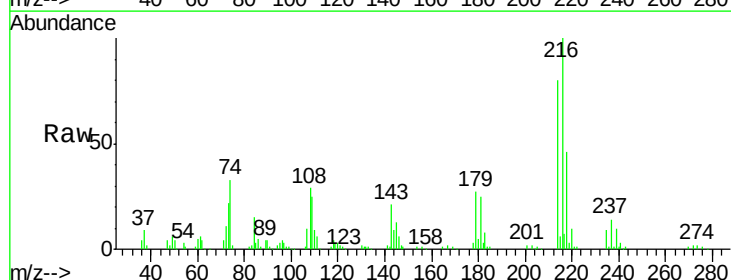
Tgt Ion:237 Resp: 26025

Ion Ratio Lower Upper

237 100

235 62.5 43.4 83.4

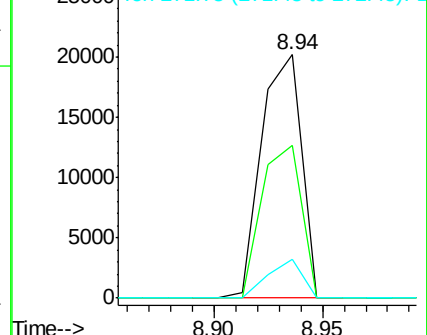
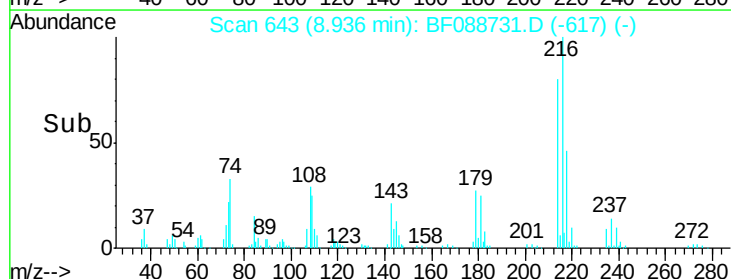
272 15.8 0.0 32.3

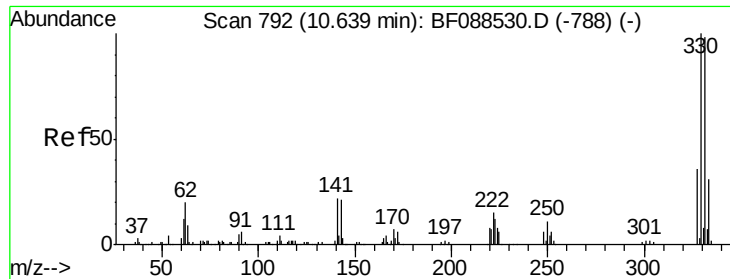


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

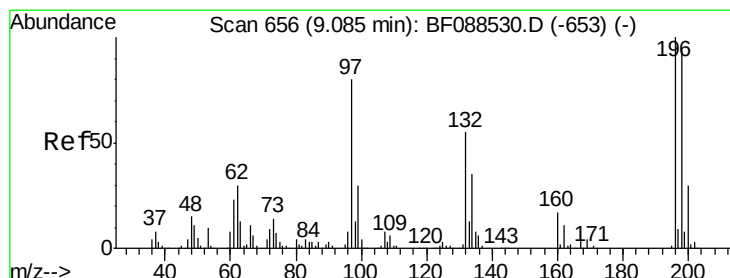
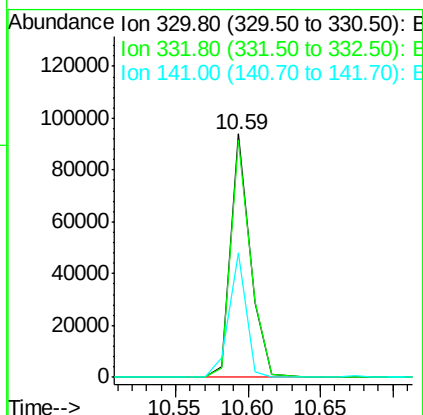
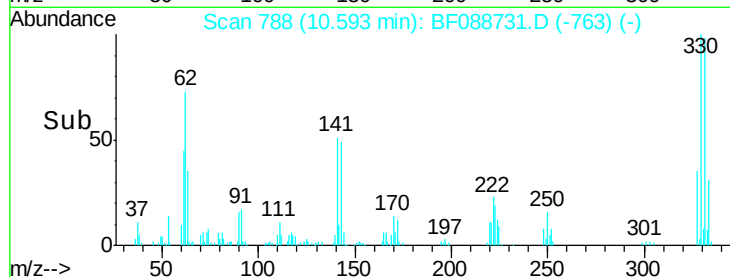
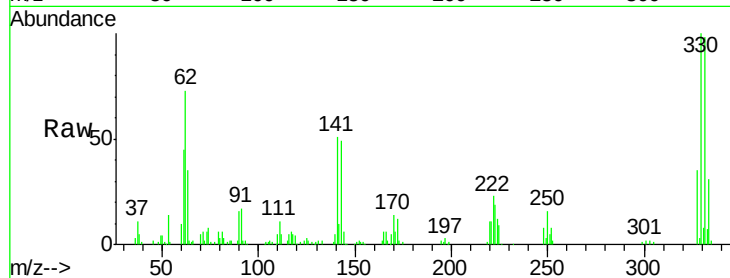




#41
 2,4,6-Tribromophenol
 Concen: 70.28 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

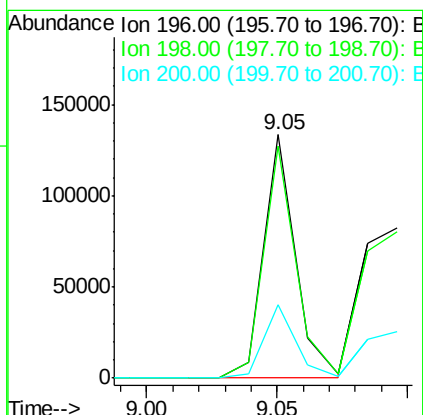
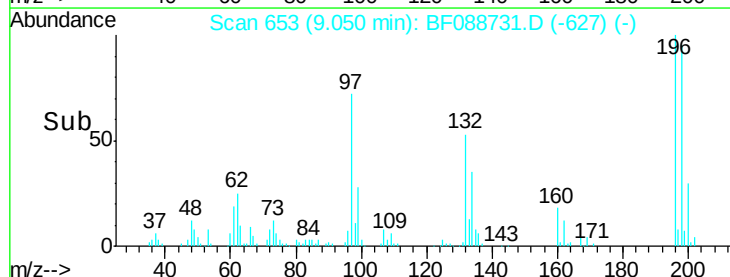
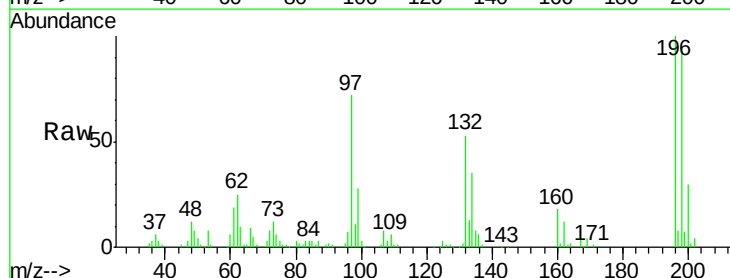
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

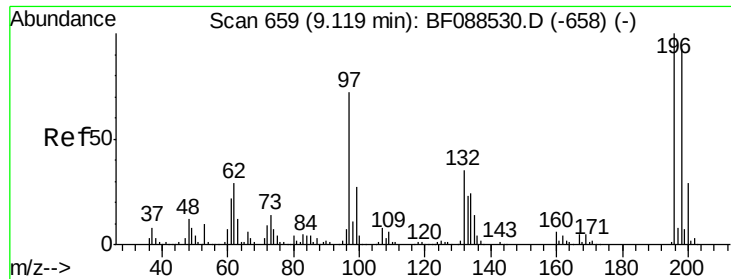
Tgt Ion:330 Resp: 88315
 Ion Ratio Lower Upper
 330 100
 332 98.4 0.0 0.0#
 141 45.0 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 38.57 ng
 RT: 9.05 min Scan# 653
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:196 Resp: 114459
 Ion Ratio Lower Upper
 196 100
 198 95.2 78.0 117.0
 200 30.0 25.4 38.2

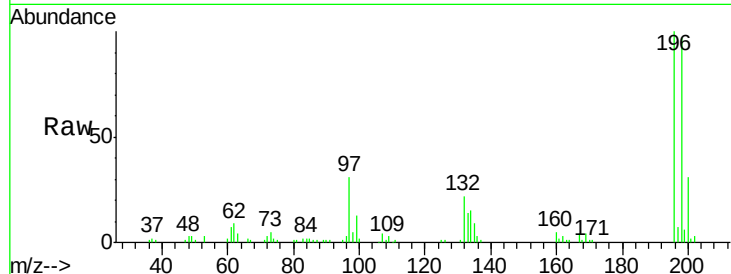




#43
 2,4,5-Trichlorophenol
 Concen: 43.26 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Resp	Lower	Upper
196	110464		
198	96.9	77.5	116.3
97	31.1	32.0	48.0
132	21.5	20.9	31.3



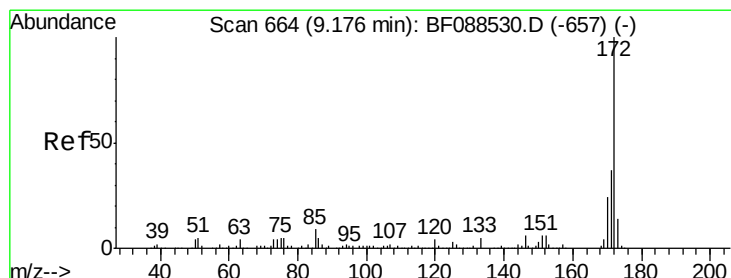
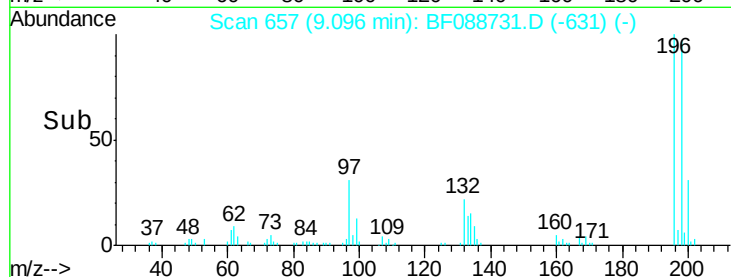
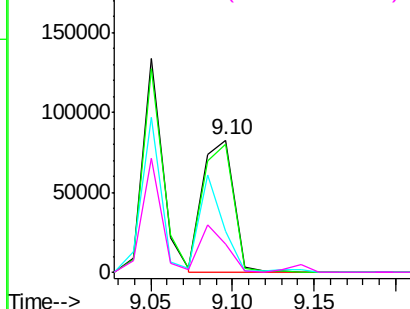
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

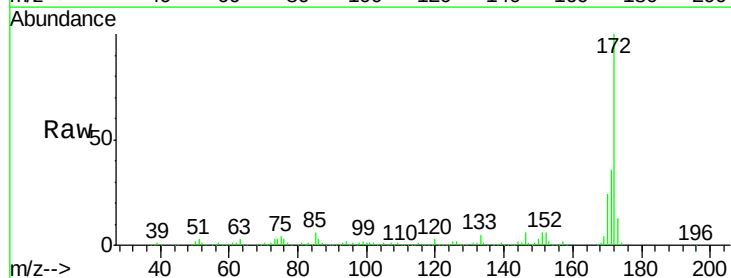
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 99.94 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion	Resp	Lower	Upper
172	856229		
171	36.2	28.6	43.0
170	24.0	19.2	28.8

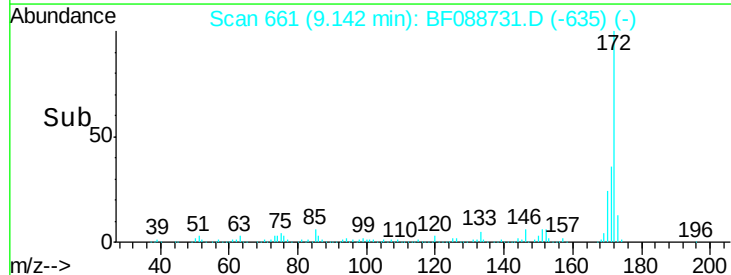
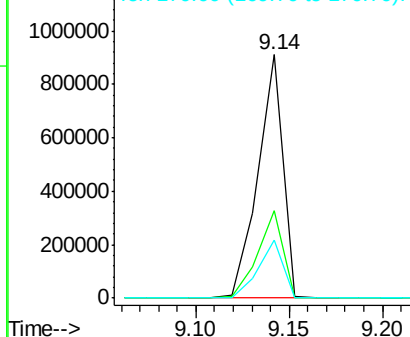


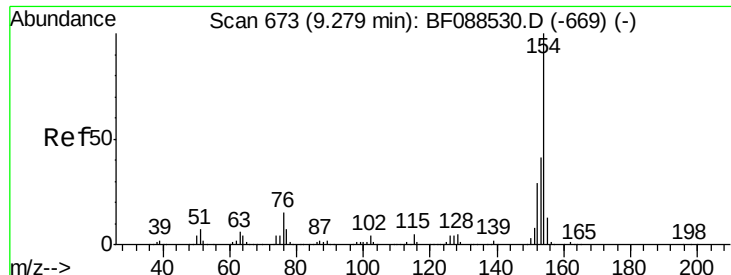
Abundance

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

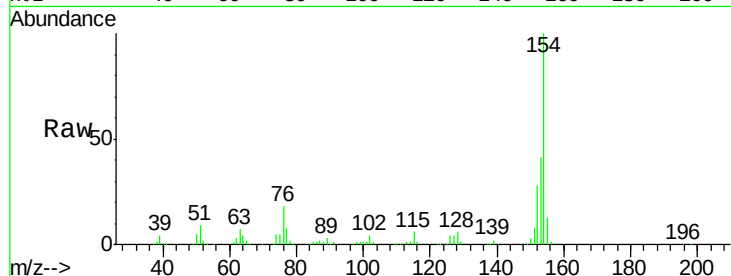




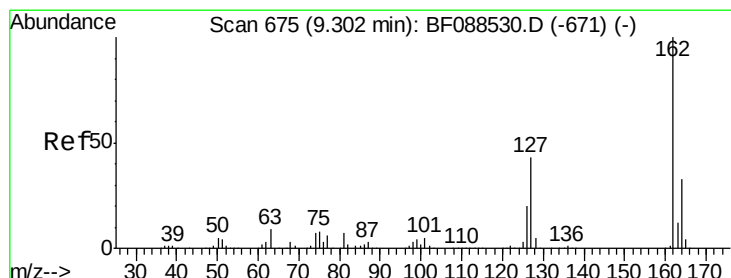
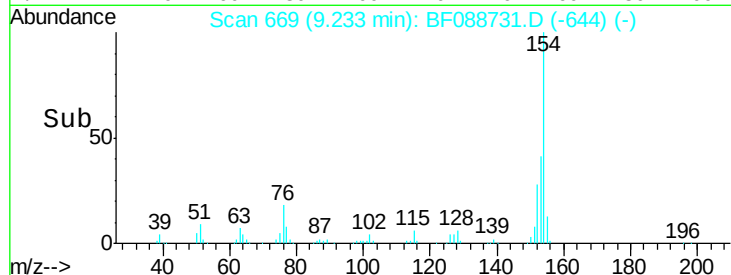
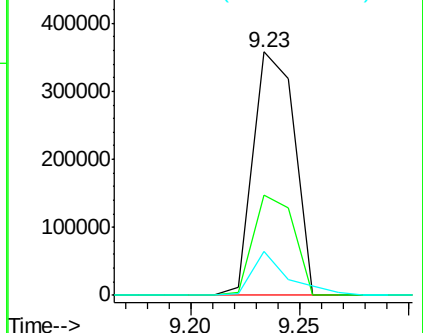
#45
 1,1'-Biphenyl
 Concen: 42.09 ng
 RT: 9.23 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:154 Resp: 471654
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.6 60.6
 76 18.0 0.0 35.1

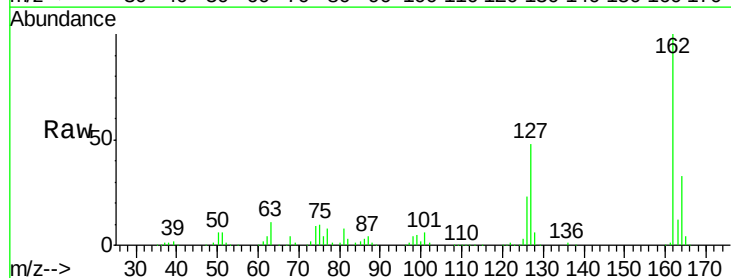


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

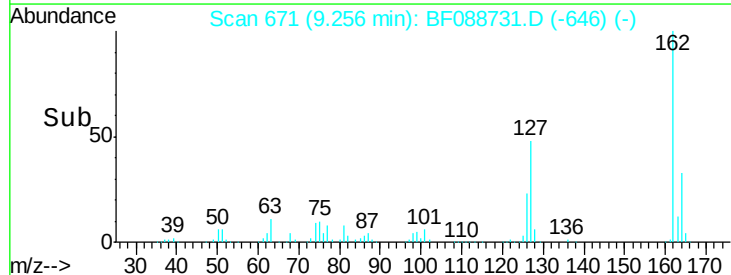
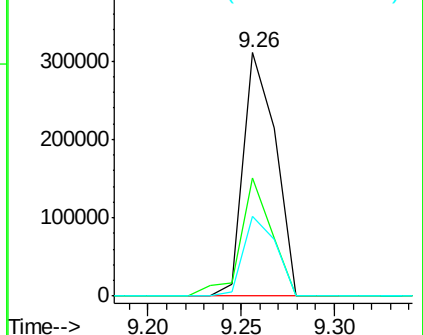


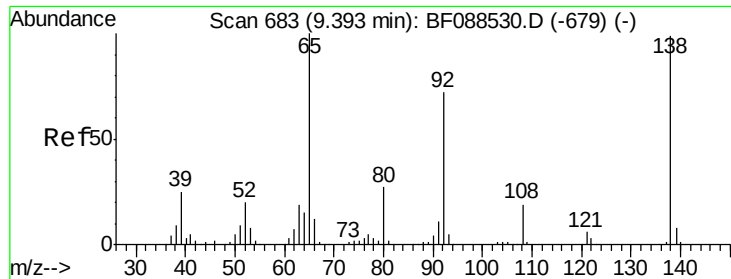
#46
 2-Chloronaphthalene
 Concen: 42.22 ng
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:162 Resp: 371427
 Ion Ratio Lower Upper
 162 100
 127 48.4 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

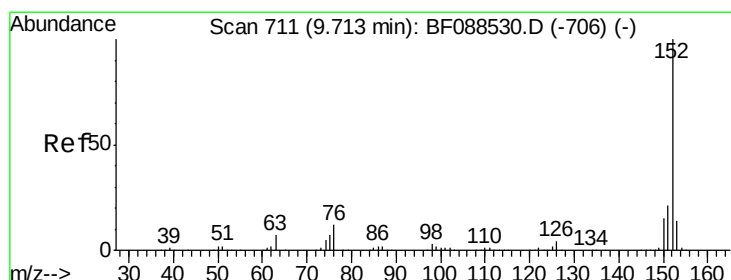
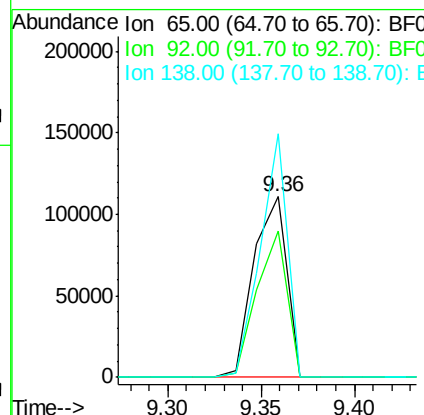
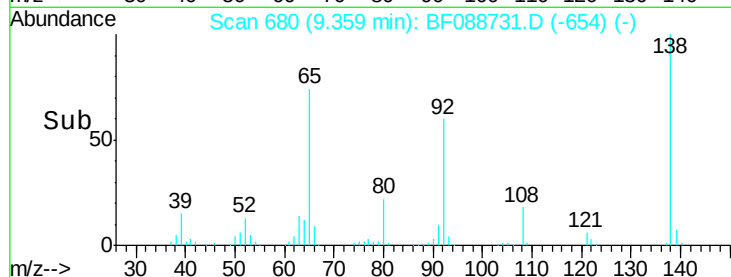
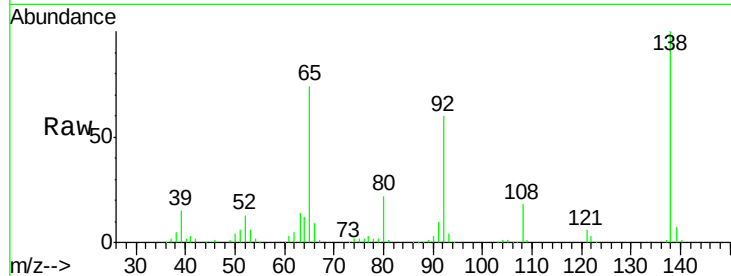




#47
 2-Nitroaniline
 Concen: 43.42 ng
 RT: 9.36 min Scan# 680
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

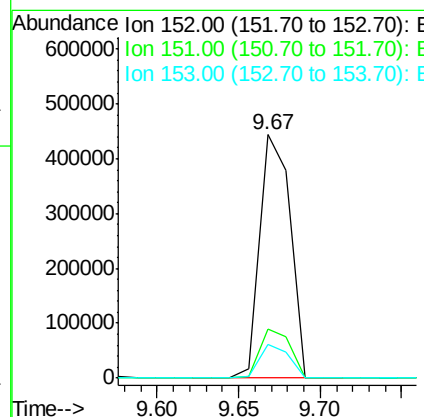
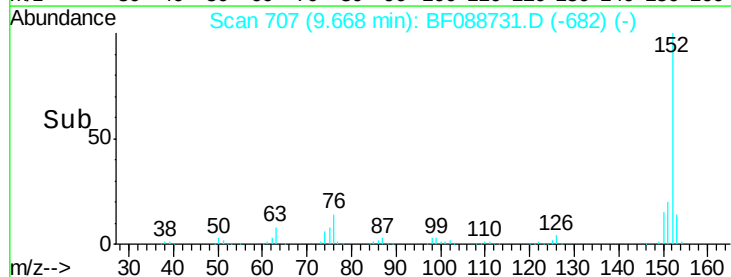
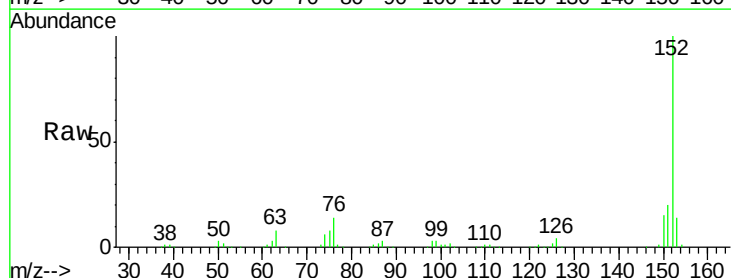
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

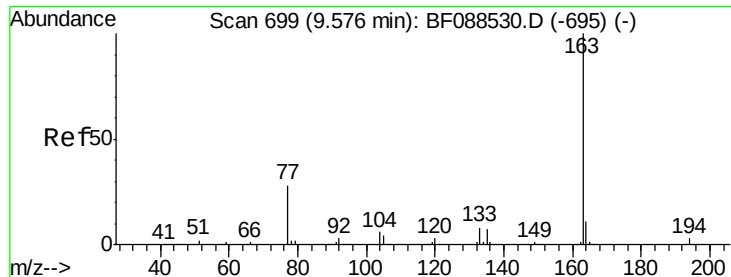
Tgt Ion: 65 Resp: 135551
 Ion Ratio Lower Upper
 65 100
 92 81.1 54.6 82.0
 138 134.7 77.0 115.4#



#48
 Acenaphthylene
 Concen: 41.31 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion: 152 Resp: 578241
 Ion Ratio Lower Upper
 152 100
 151 20.2 16.2 24.4
 153 13.7 11.0 16.6

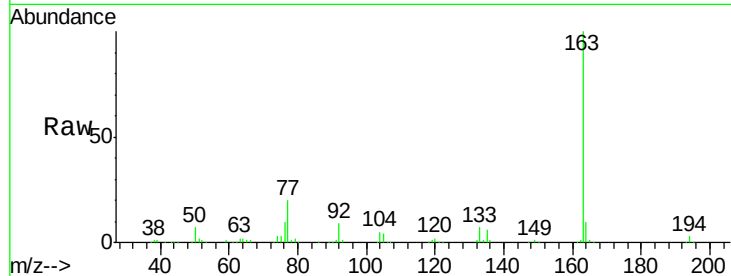




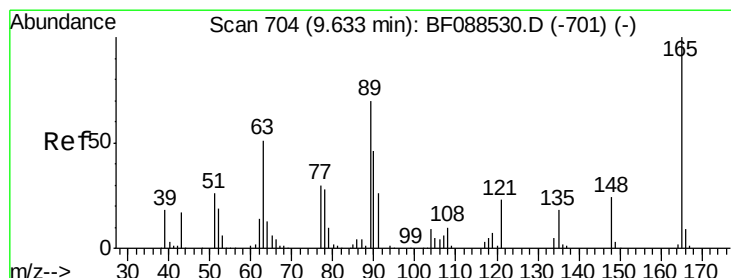
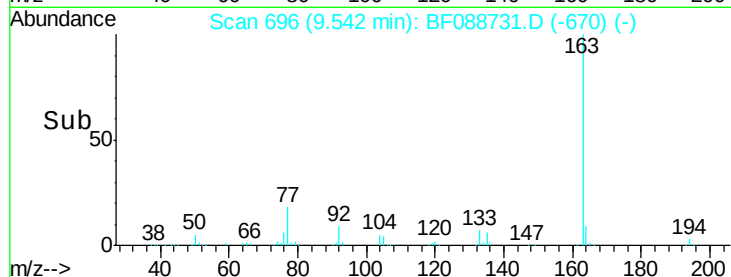
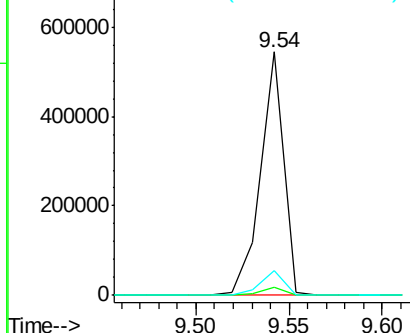
#49
Dimethylphthalate
Concen: 48.12 ng
RT: 9.54 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:163 Resp: 463899
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 10.1 8.3 12.5

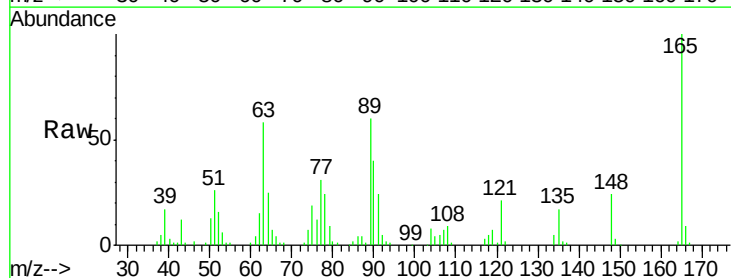


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

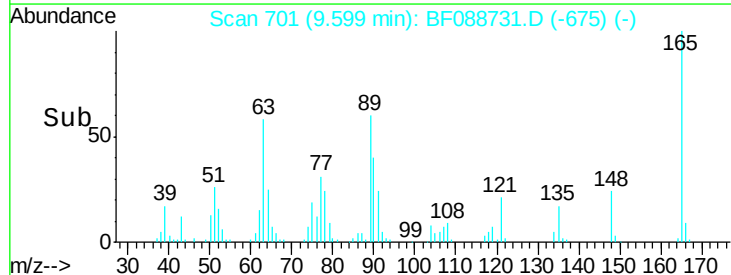
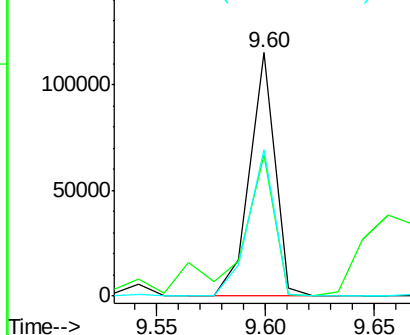


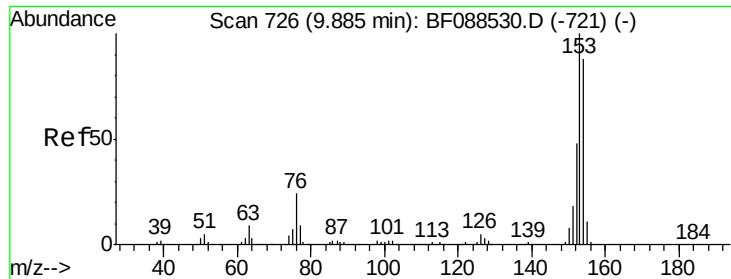
#50
2,6-Dinitrotoluene
Concen: 43.64 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:165 Resp: 93247
Ion Ratio Lower Upper
165 100
63 57.8 28.1 42.1#
89 60.0 32.2 48.2#



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





#51

Acenaphthene

Concen: 38.54 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

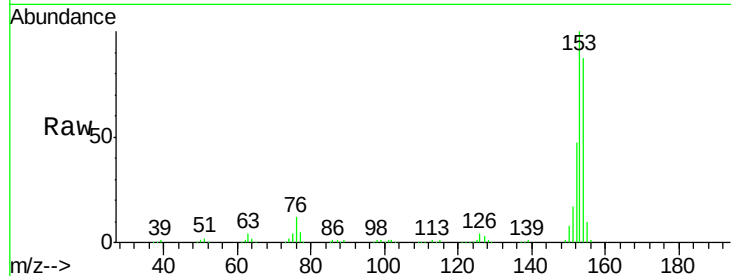
Tgt Ion:154 Resp: 330696

Ion Ratio Lower Upper

154 100

153 115.0 89.5 134.3

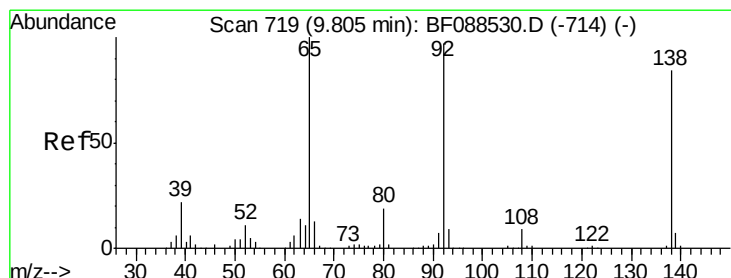
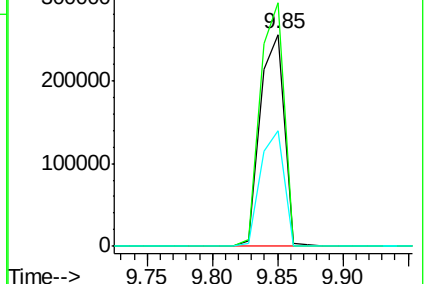
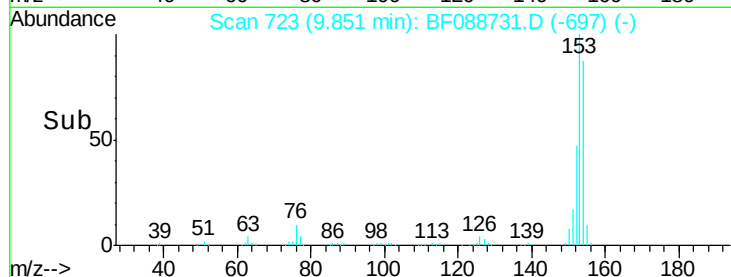
152 54.3 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.63 ng

RT: 9.76 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

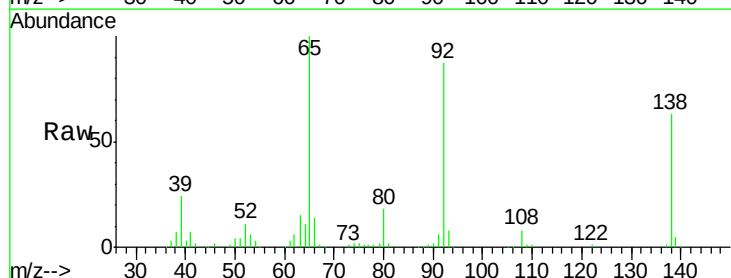
Tgt Ion:138 Resp: 110366

Ion Ratio Lower Upper

138 100

108 12.5 8.5 12.7

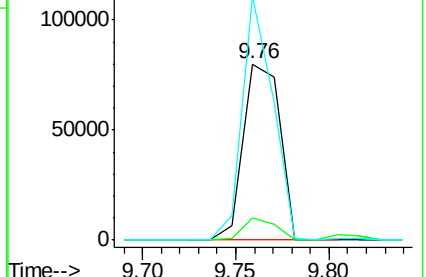
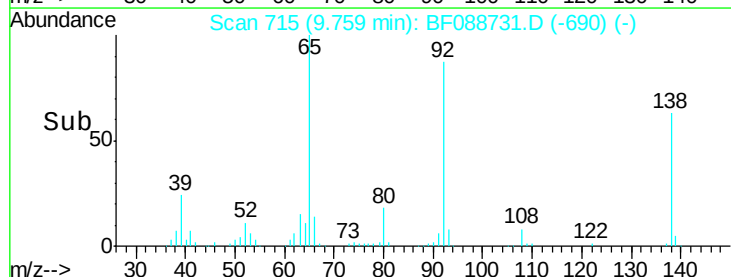
92 138.0 95.7 143.5

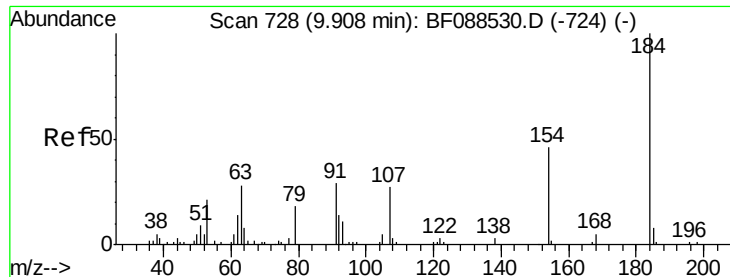


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

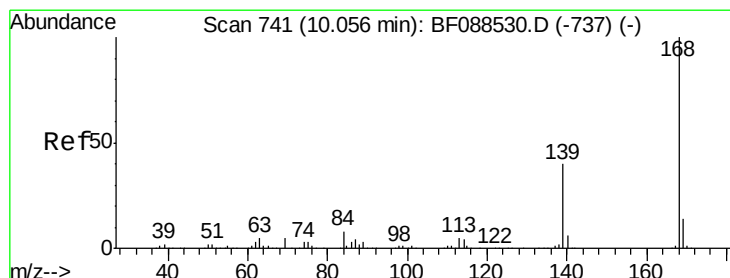
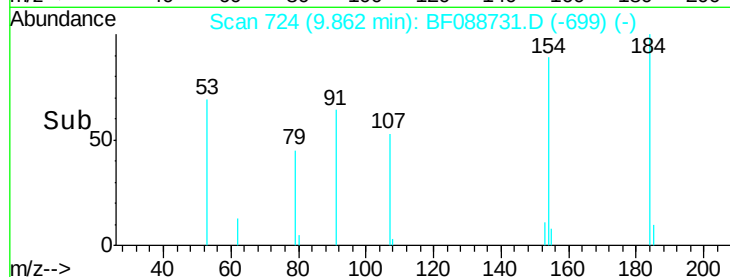
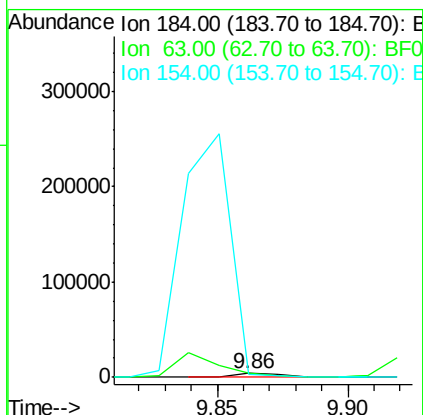
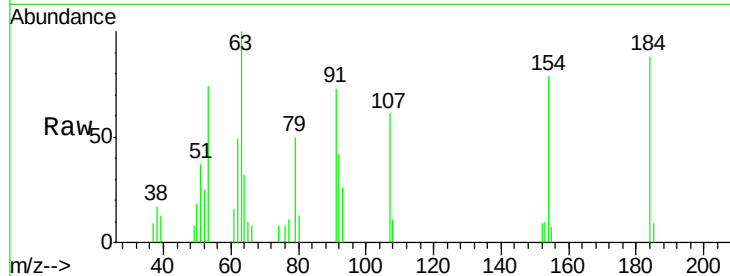




#53
 2,4-Dinitrophenol
 Concen: 4.66 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

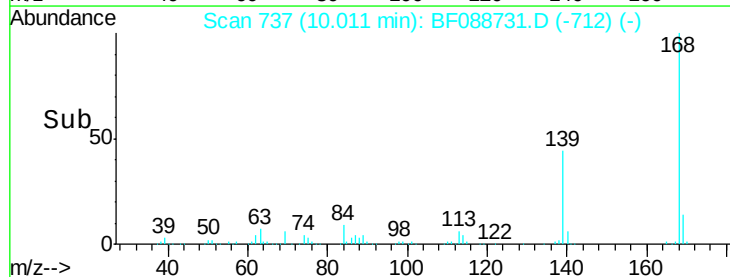
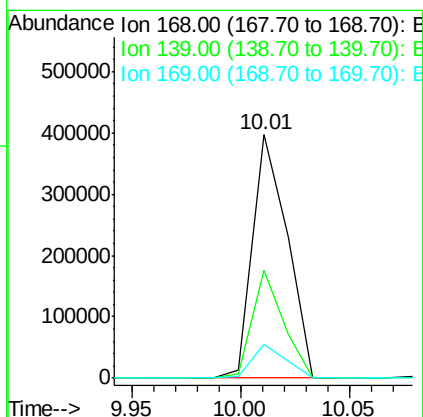
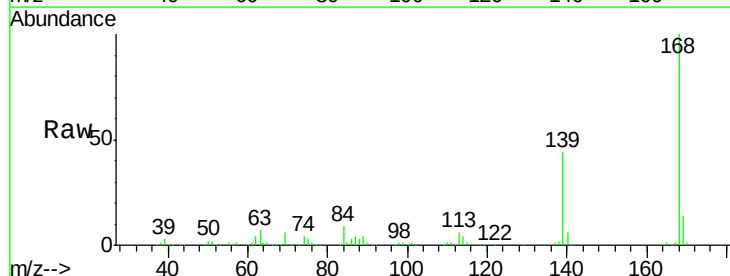
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

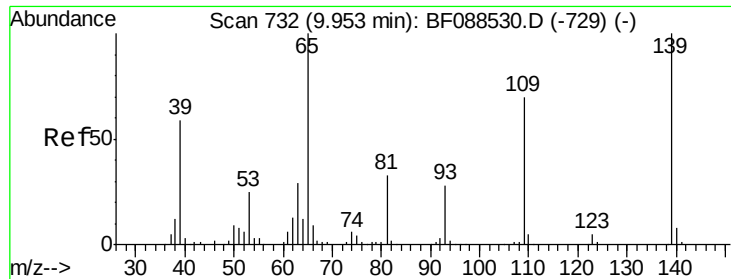
Tgt Ion:184 Resp: 4397
 Ion Ratio Lower Upper
 184 100
 63 113.8 57.6 86.4#
 154 89.4 53.5 80.3#



#54
 Dibenzofuran
 Concen: 39.17 ng
 RT: 10.01 min Scan# 737
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:168 Resp: 439839
 Ion Ratio Lower Upper
 168 100
 139 44.1 26.4 39.6#
 169 13.9 10.4 15.6

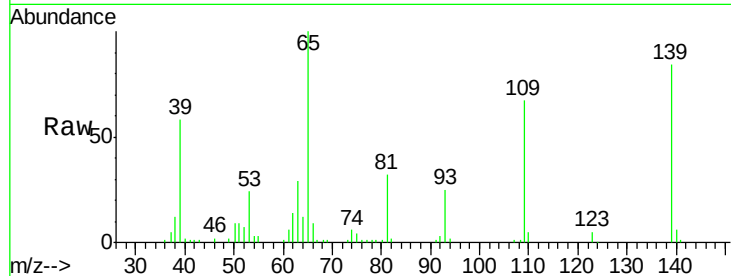




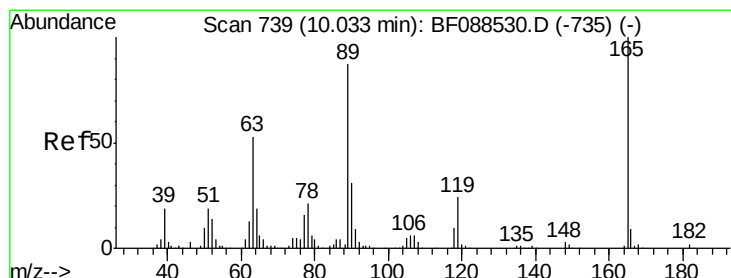
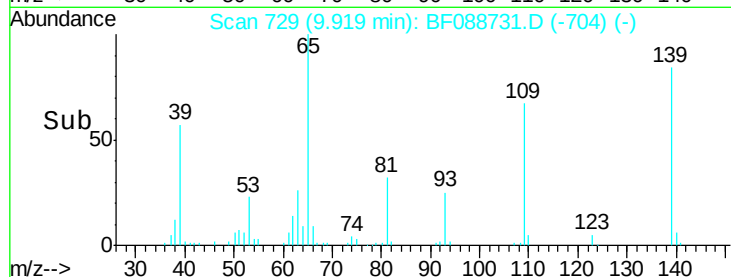
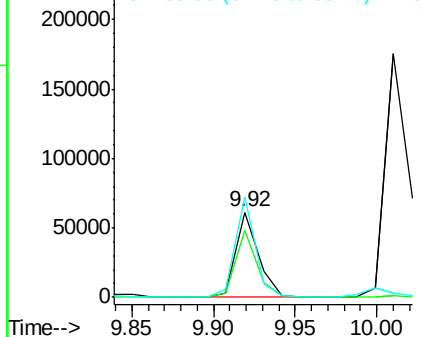
#55
4-Nitrophenol
Concen: 28.22 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:139 Resp: 58260
Ion Ratio Lower Upper
139 100
109 79.1 48.9 88.9
65 118.7 84.9 124.9

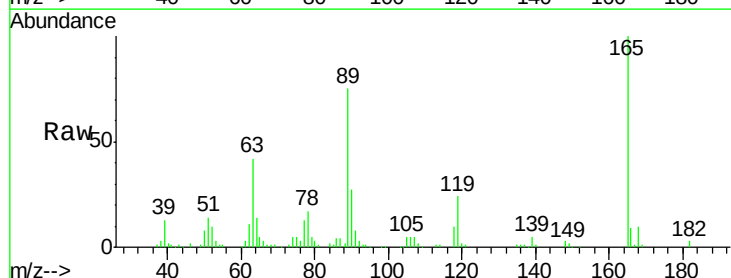


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

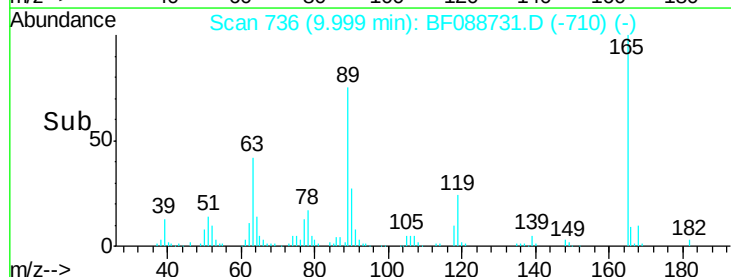
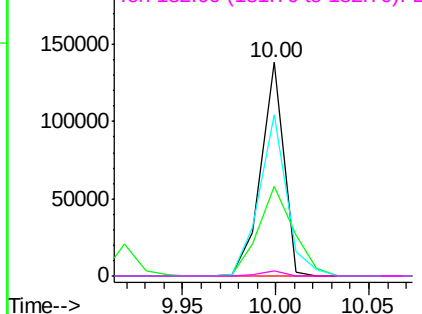


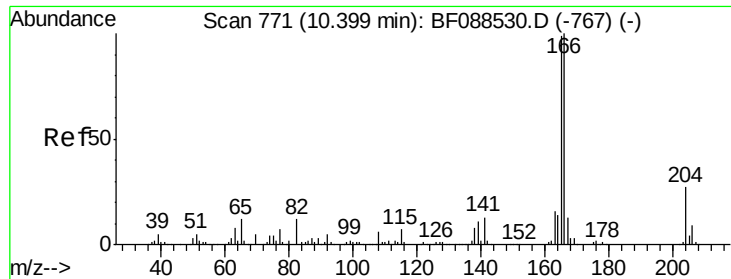
#56
2,4-Dinitrotoluene
Concen: 41.59 ng
RT: 10.00 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:165 Resp: 116200
Ion Ratio Lower Upper
165 100
63 42.1 22.0 33.0#
89 75.3 41.1 61.7#
182 2.5 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

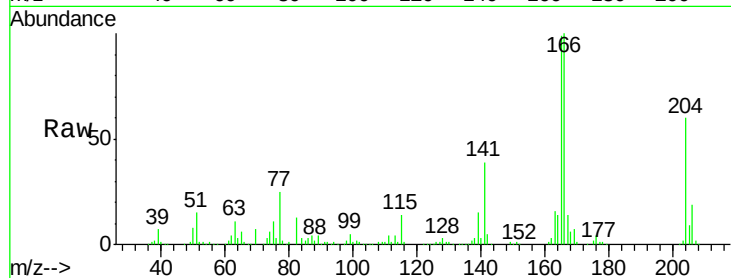




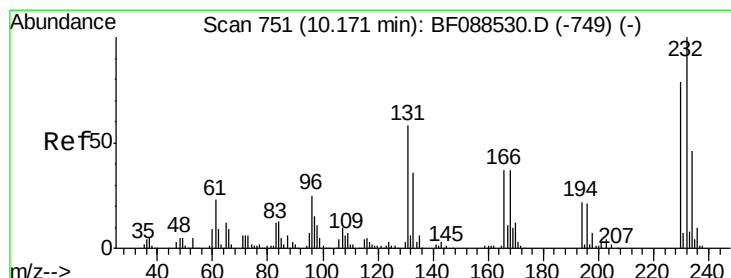
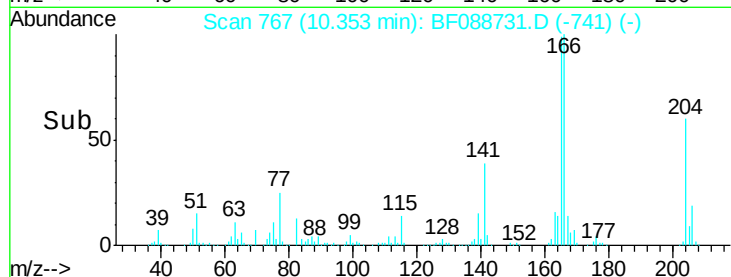
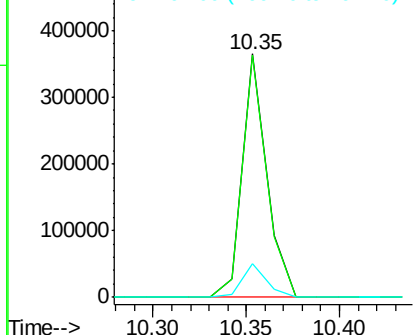
#57
 Fluorene
 Concen: 38.43 ng
 RT: 10.35 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:166 Resp: 332569
 Ion Ratio Lower Upper
 166 100
 165 99.4 77.8 116.8
 167 13.9 11.2 16.8

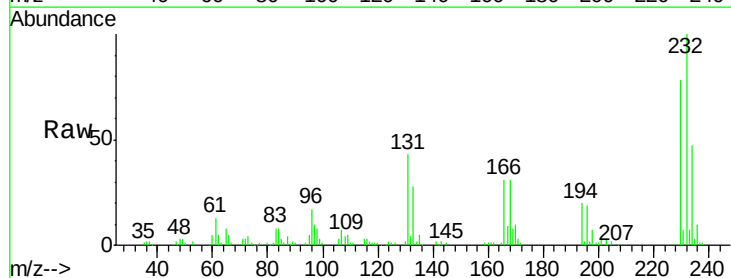


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

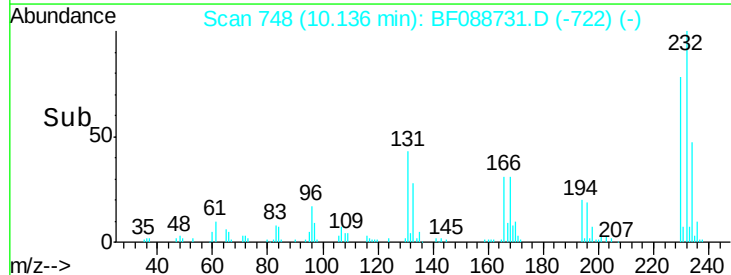
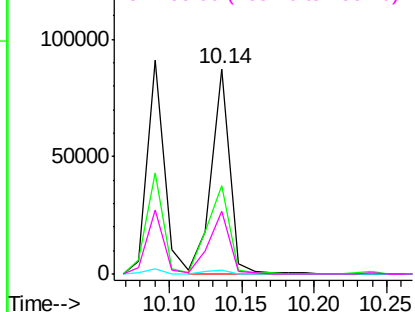


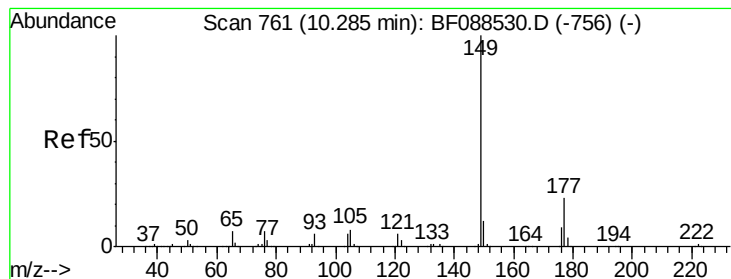
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 38.99 ng
 RT: 10.14 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:232 Resp: 77029
 Ion Ratio Lower Upper
 232 100
 131 51.9 0.9 1.3#
 130 2.5 1.5 2.3#
 166 34.1 0.5 0.7#



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.22 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

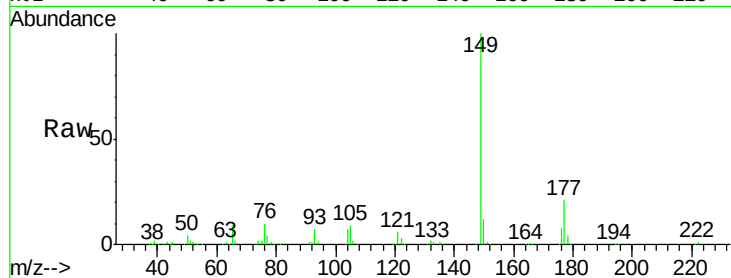
Tgt Ion:149 Resp: 437508

Ion Ratio Lower Upper

149 100

177 20.6 16.9 25.3

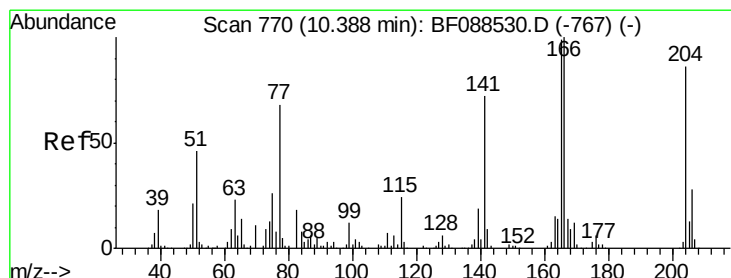
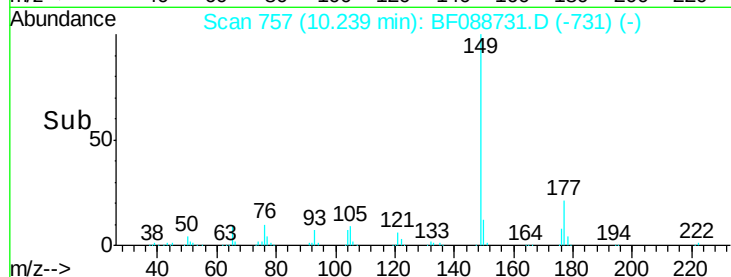
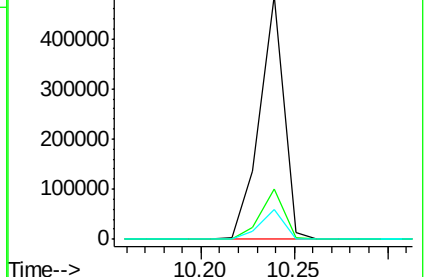
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.00 ng

RT: 10.35 min Scan# 767

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

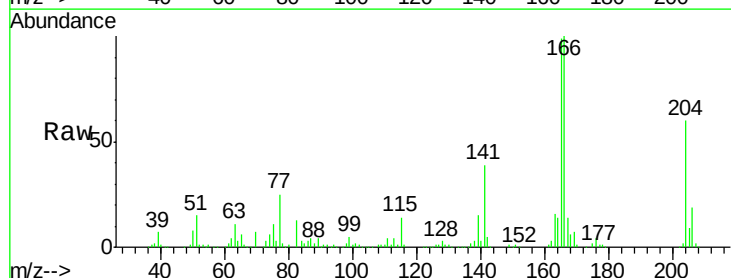
Tgt Ion:204 Resp: 176927

Ion Ratio Lower Upper

204 100

206 32.3 26.3 39.5

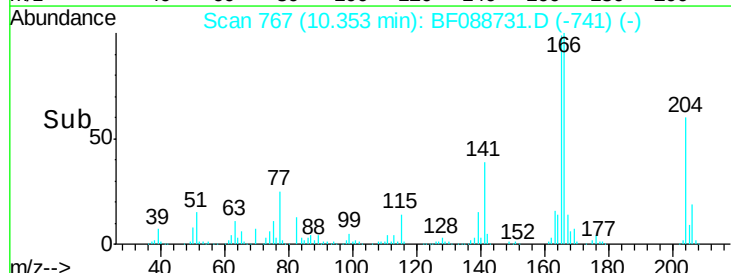
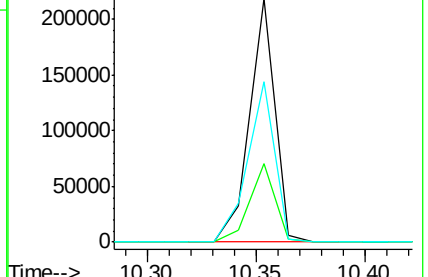
141 65.6 55.0 82.6

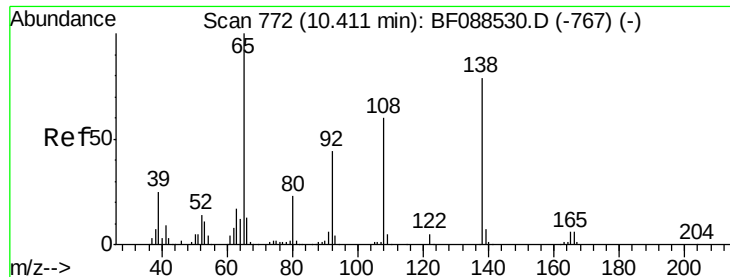


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

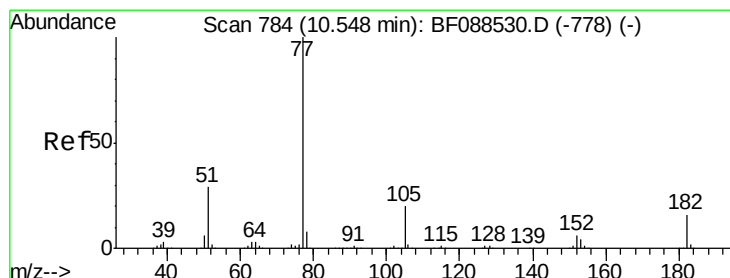
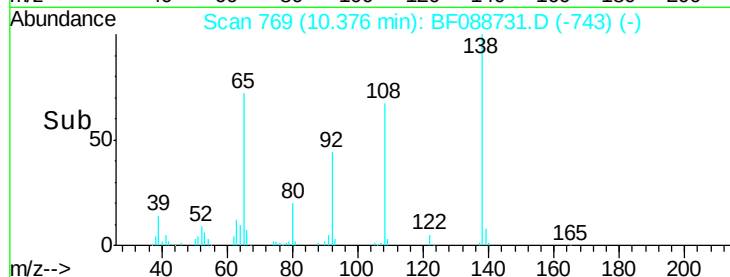
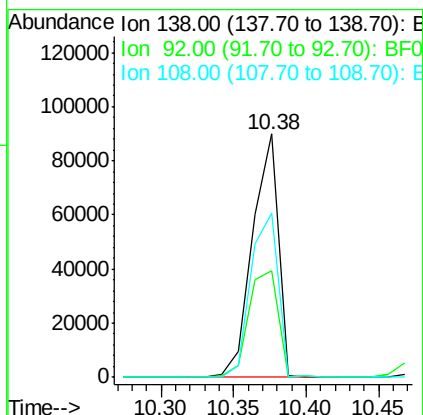
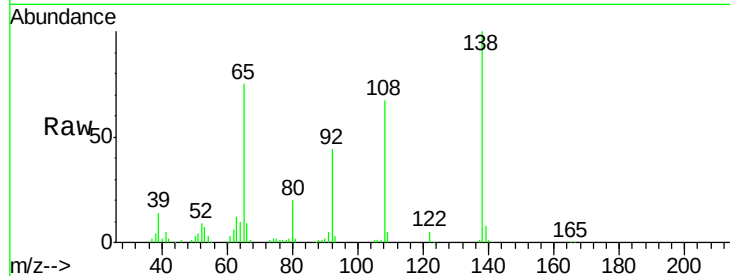




#61
4-Nitroaniline
Concen: 42.41 ng
RT: 10.38 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

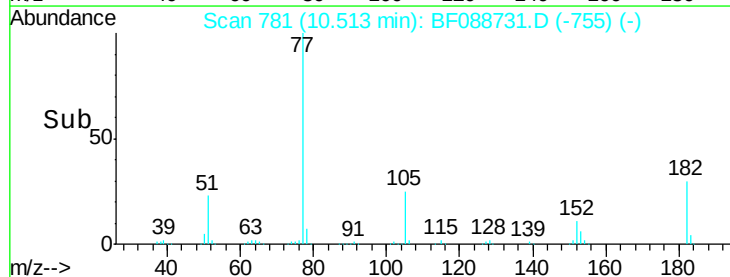
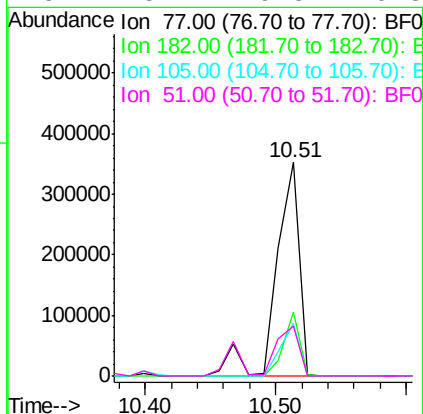
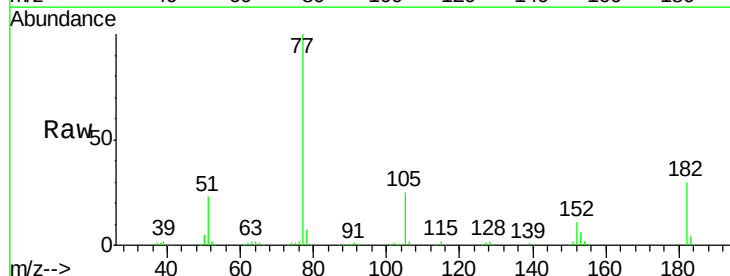
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

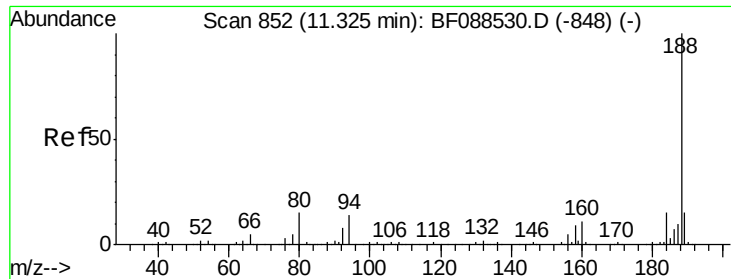
Tgt Ion: 138 Resp: 110846
Ion Ratio Lower Upper
138 100
92 43.7 27.3 67.3
108 67.5 46.7 86.7



#62
Azobenzene
Concen: 39.33 ng
RT: 10.51 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion: 77 Resp: 434076
Ion Ratio Lower Upper
77 100
182 29.7 4.4 44.4
105 24.9 3.8 43.8
51 23.2 9.3 49.3

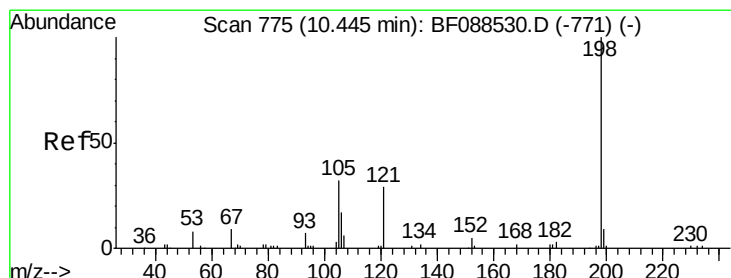
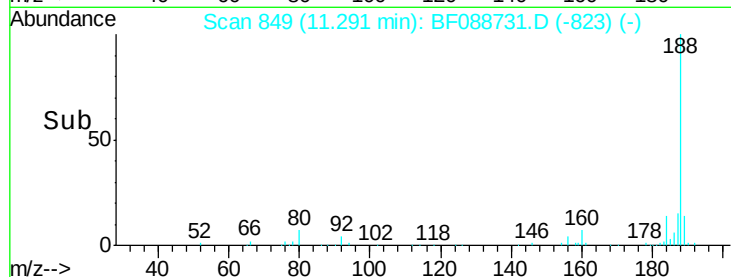
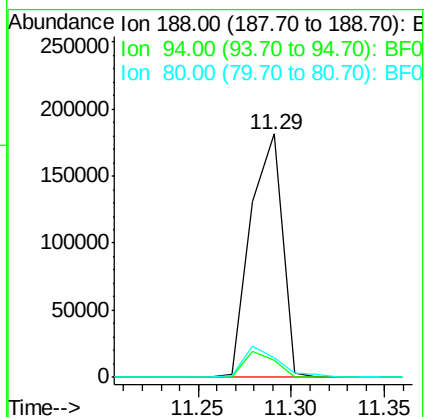
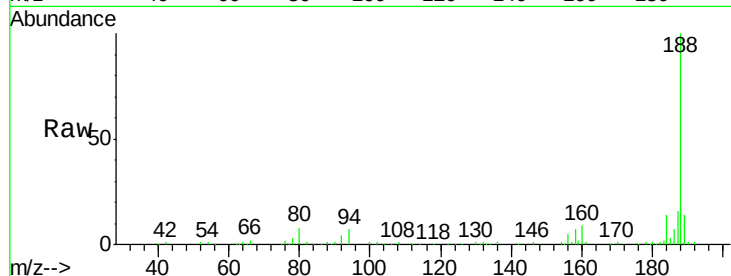




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

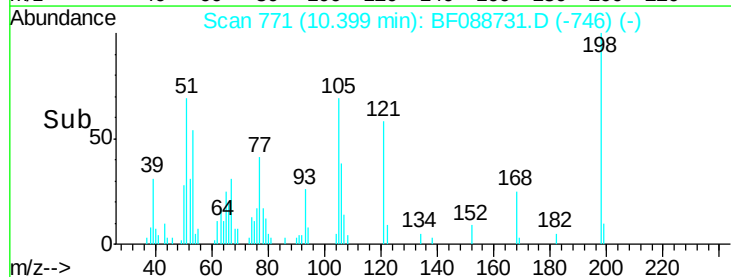
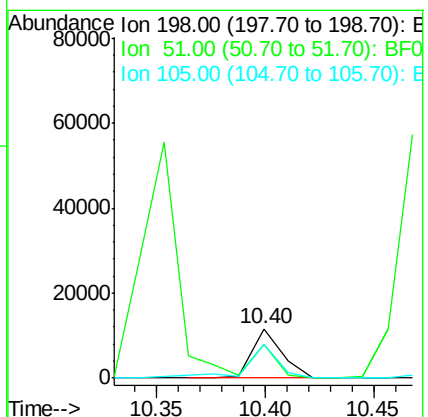
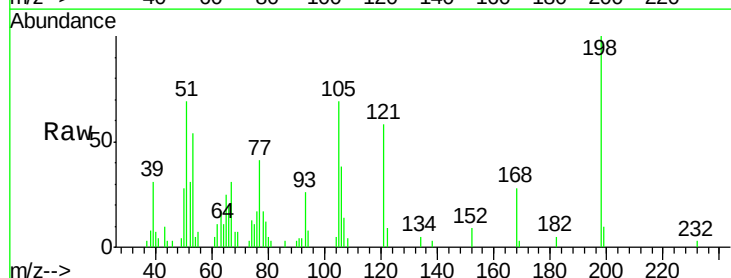
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

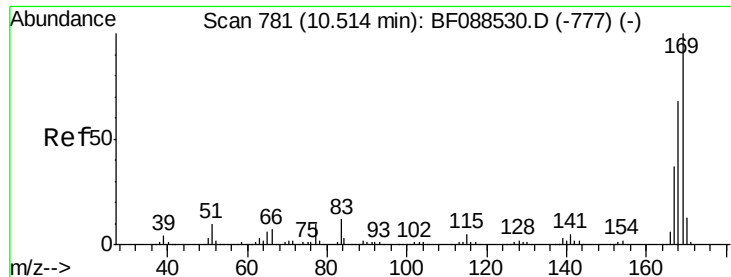
Tgt Ion:188 Resp: 218268
Ion Ratio Lower Upper
188 100
94 6.9 9.0 13.6#
80 7.9 10.0 15.0#



#64
4,6-Dinitro-2-methylphenol
Concen: 9.42 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:198 Resp: 11001
Ion Ratio Lower Upper
198 100
51 68.6 39.6 79.6
105 68.8 36.6 76.6

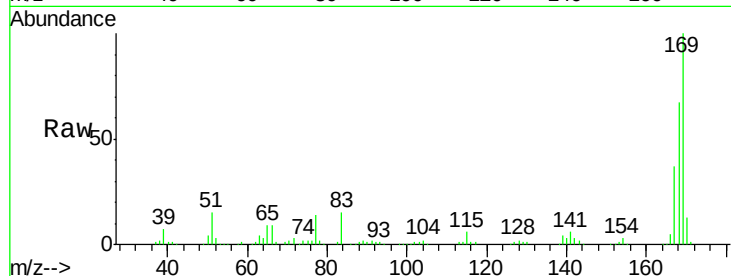




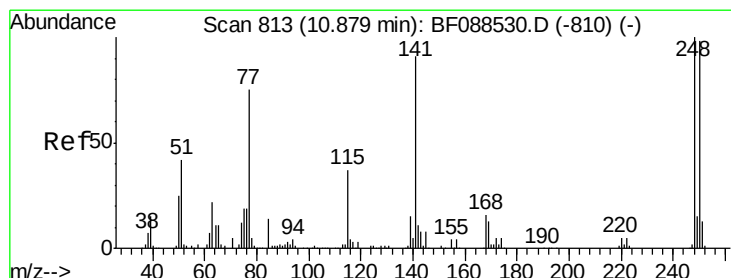
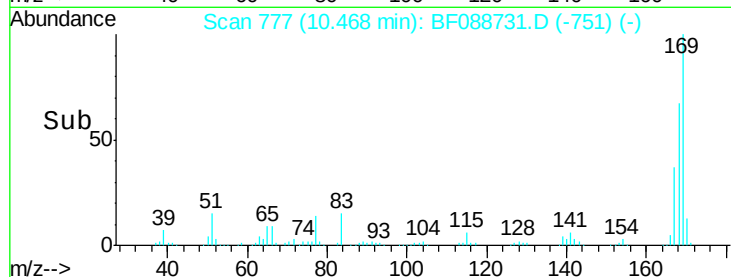
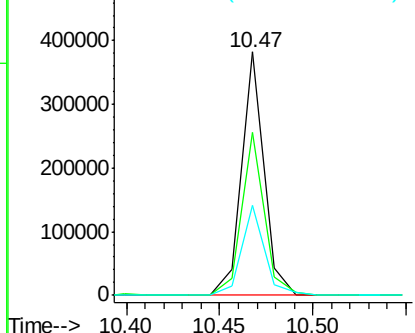
#65
n-Nitrosodiphenylamine
Concen: 43.39 ng
RT: 10.47 min Scan# 777
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:169 Resp: 320562
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.8 29.4 44.0

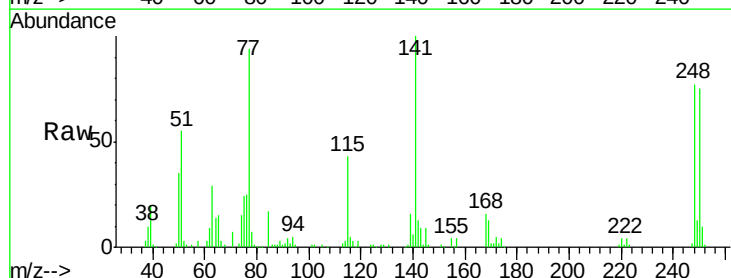


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

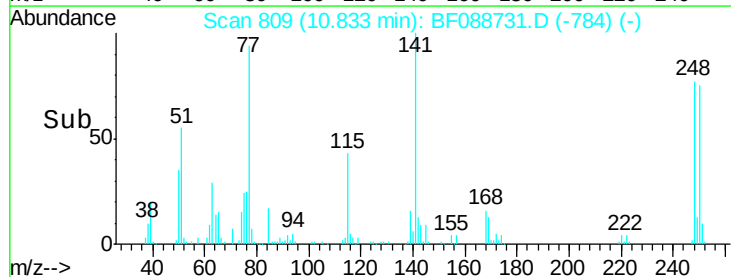
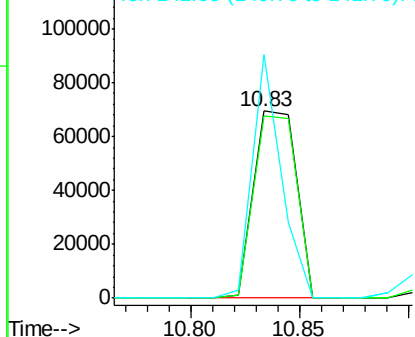


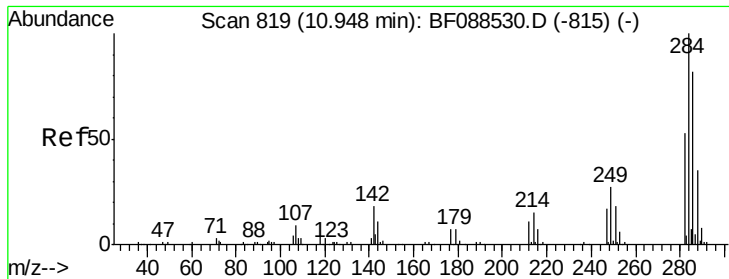
#66
4-Bromophenyl-phenylether
Concen: 43.34 ng
RT: 10.83 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:248 Resp: 95335
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 130.4 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

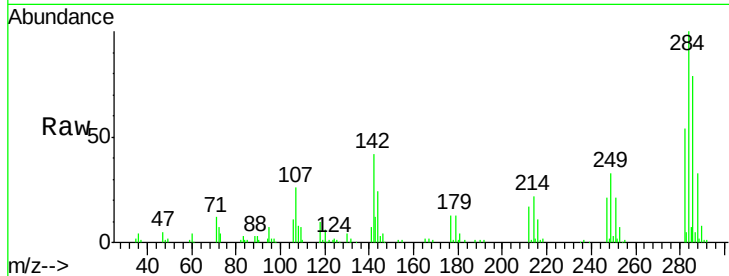




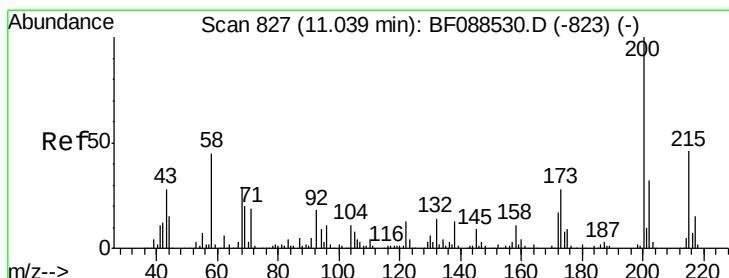
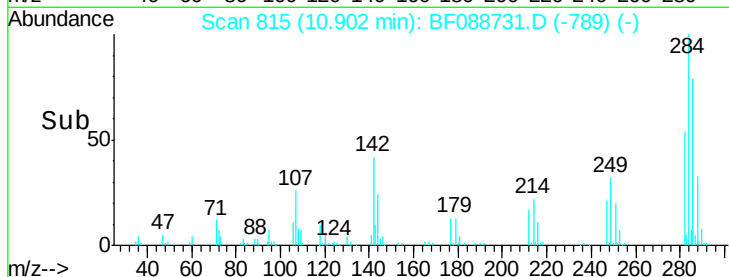
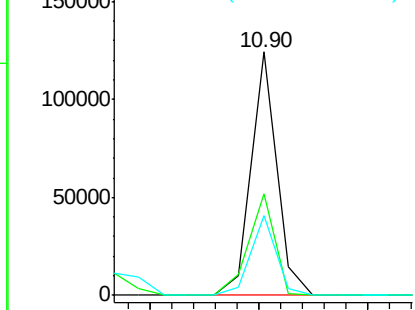
#67
Hexachlorobenzene
Concen: 41.98 ng
RT: 10.90 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:284 Resp: 102216
Ion Ratio Lower Upper
284 100
142 41.8 35.8 53.8
249 32.7 25.8 38.6

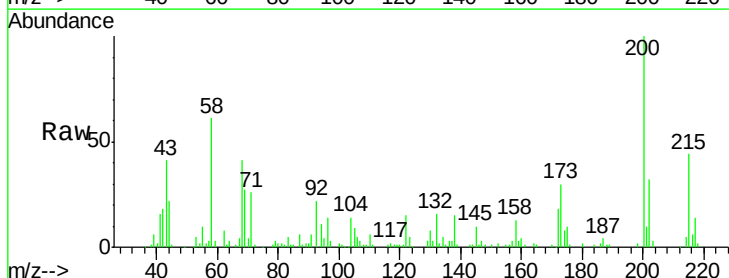


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

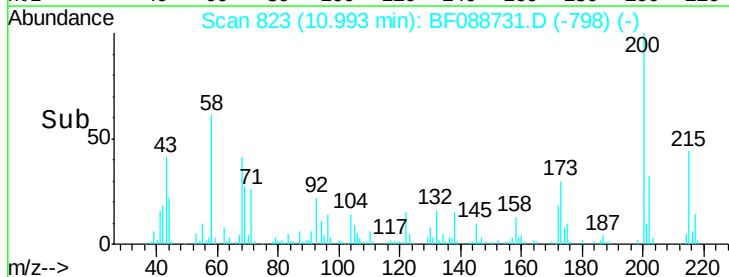
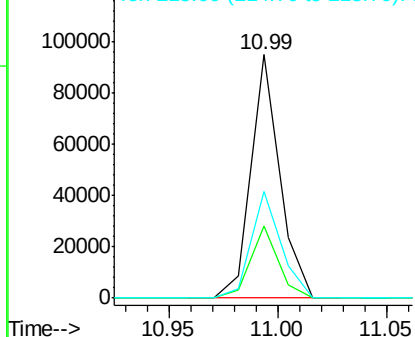


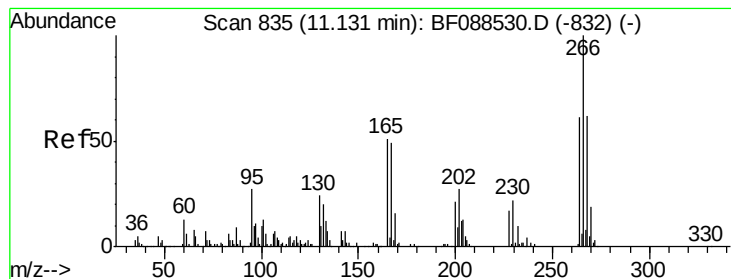
#68
Atrazine
Concen: 37.83 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF088731.D
Acq: 6 Jul 2016 4:59

Tgt Ion:200 Resp: 87089
Ion Ratio Lower Upper
200 100
173 29.7 4.0 44.0
215 43.8 29.3 69.3



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





#69

Pentachlorophenol

Concen: 30.21 ng

RT: 11.10 min Scan# 832

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

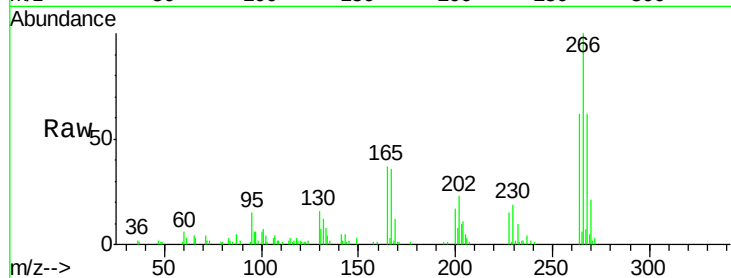
Tgt Ion:266 Resp: 43530

Ion Ratio Lower Upper

266 100

268 62.4 52.8 79.2

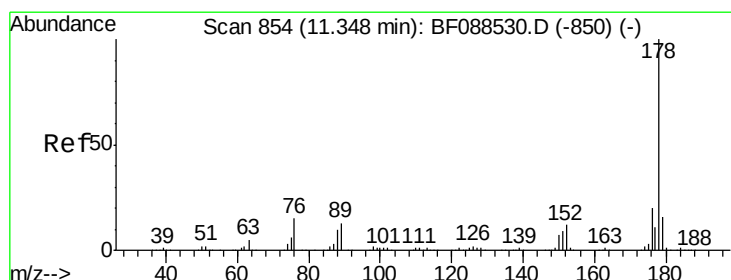
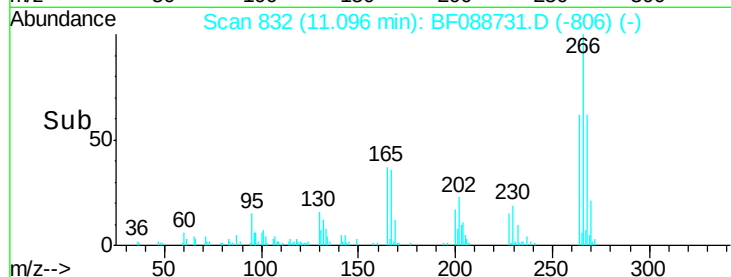
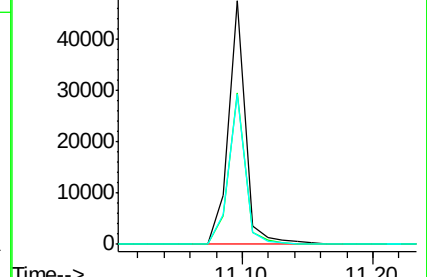
264 61.6 49.6 74.4



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: 41.69 ng

RT: 11.31 min Scan# 851

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

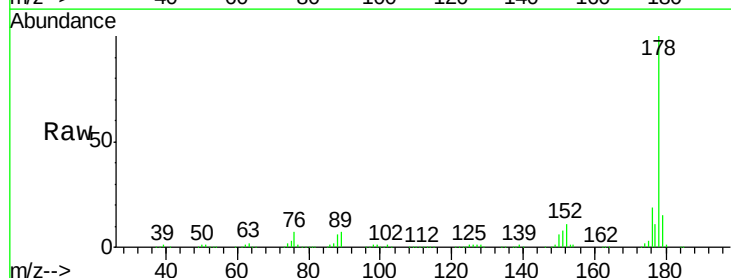
Tgt Ion:178 Resp: 497452

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

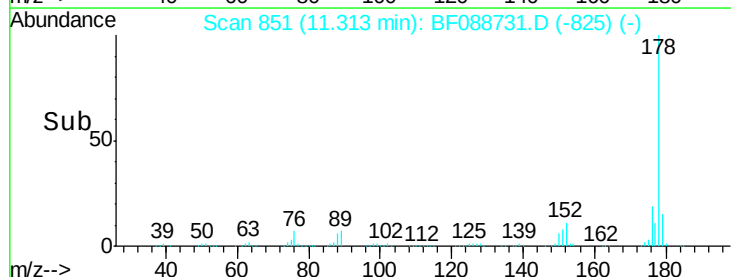
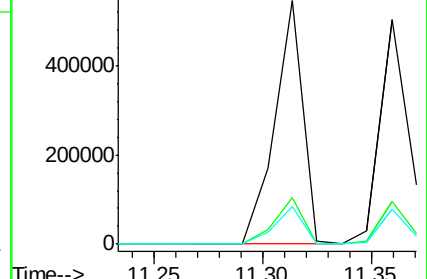
179 15.3 13.0 19.4

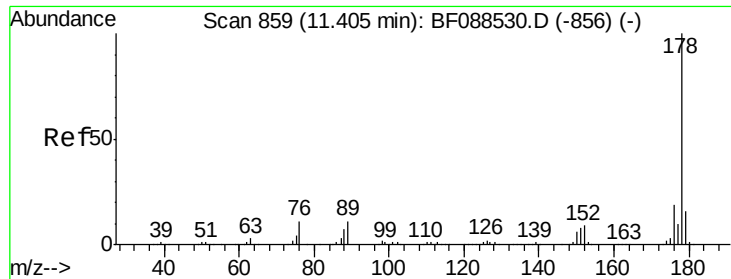


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

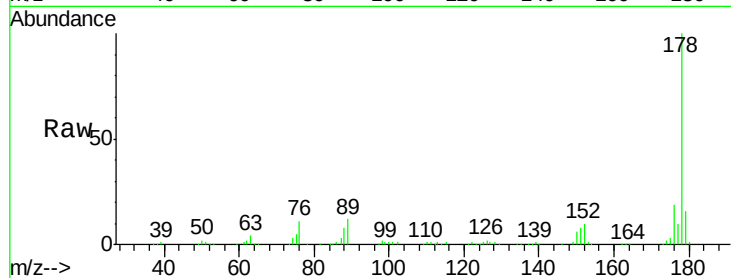




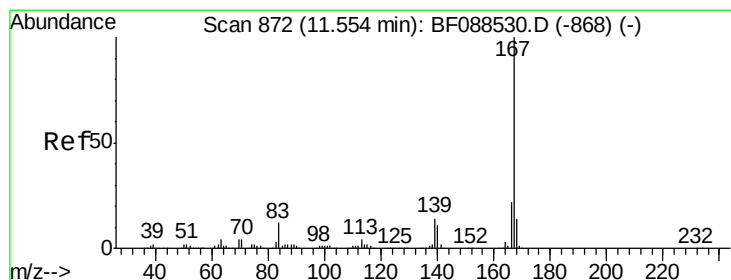
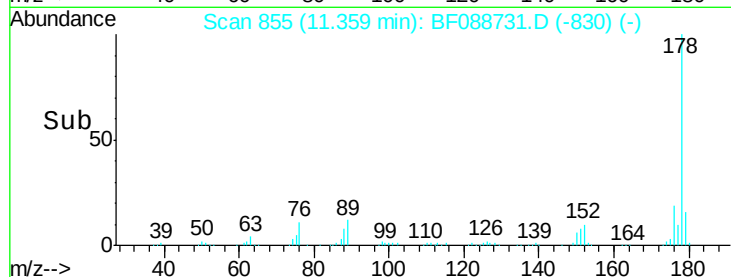
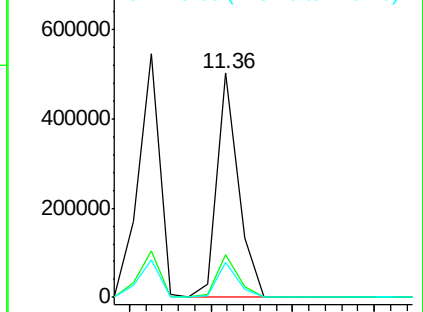
#71
 Anthracene
 Concen: 38.58 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:178 Resp: 457682
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 15.7 12.8 19.2

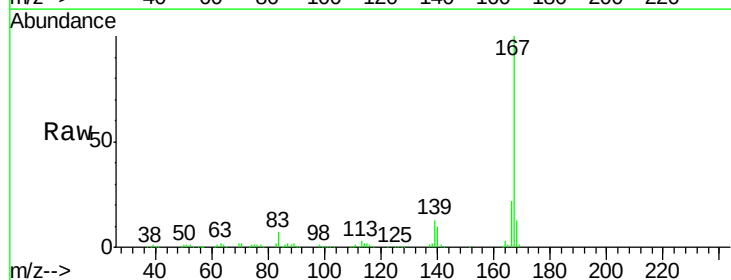


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

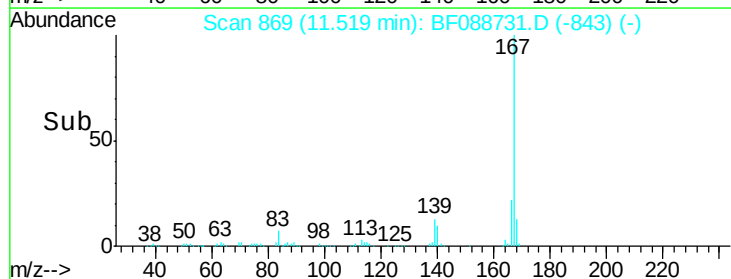
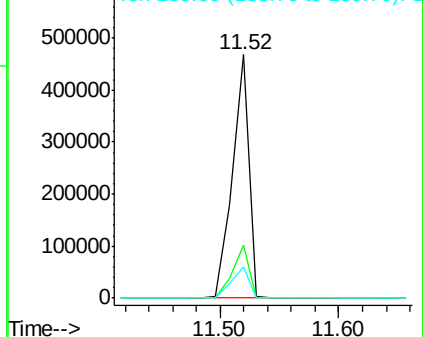


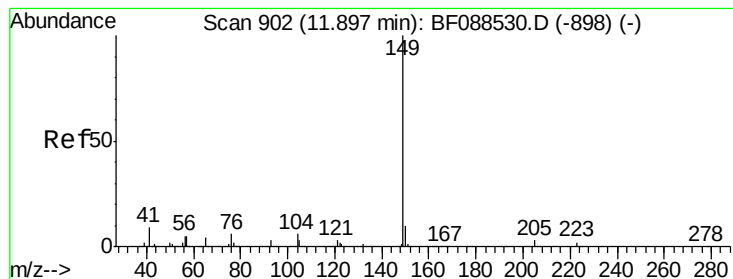
#72
 Carbazole
 Concen: 40.13 ng
 RT: 11.52 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:167 Resp: 448147
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.8 26.6
 139 12.8 11.2 16.8



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.18 ng

RT: 11.86 min Scan# 899

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

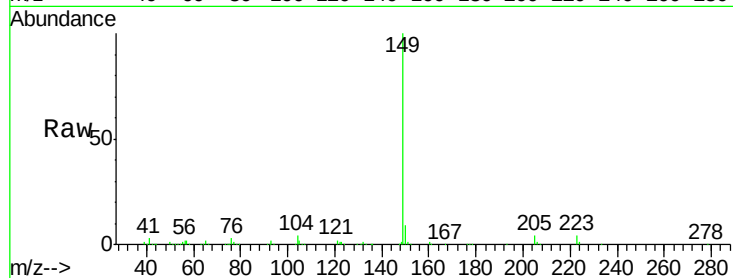
Tgt Ion:149 Resp: 586770

Ion Ratio Lower Upper

149 100

150 8.8 7.8 11.6

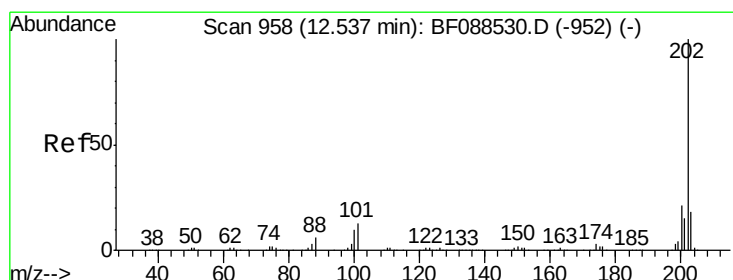
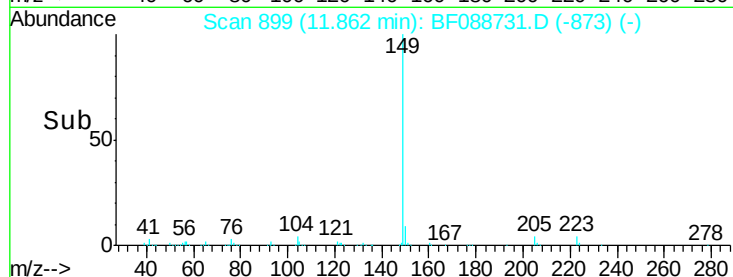
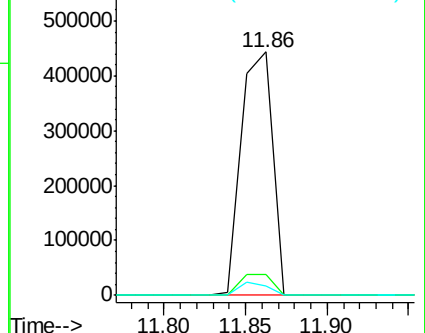
104 3.9 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.03 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

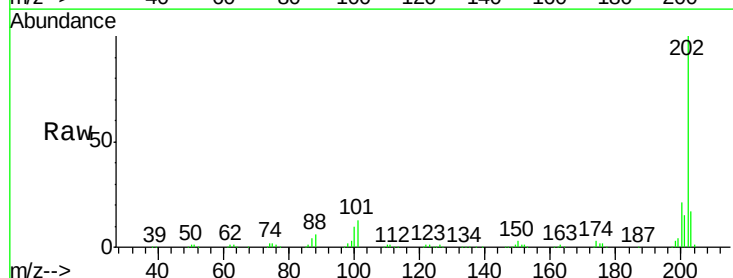
Tgt Ion:202 Resp: 435770

Ion Ratio Lower Upper

202 100

101 13.0 0.0 33.1

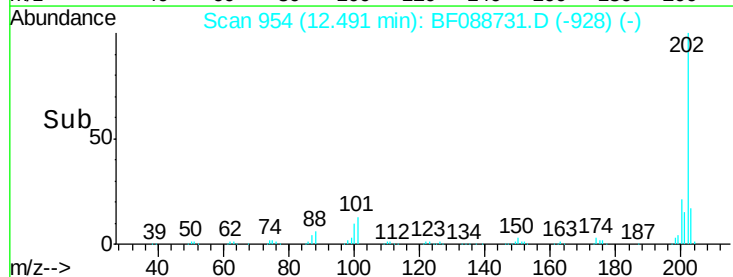
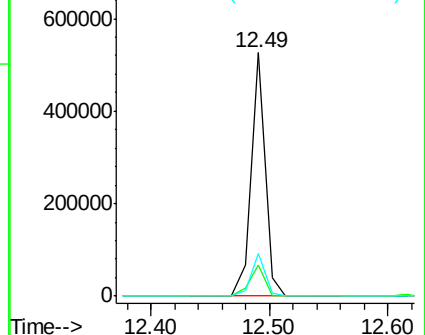
203 17.5 0.0 38.1

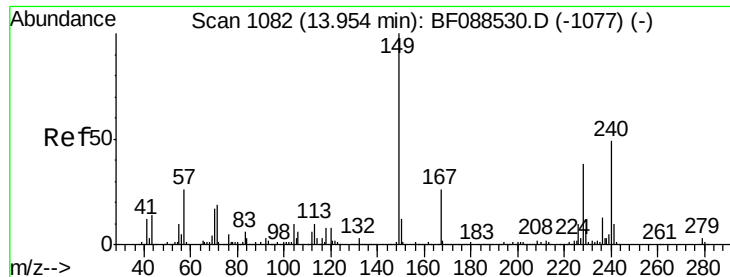


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

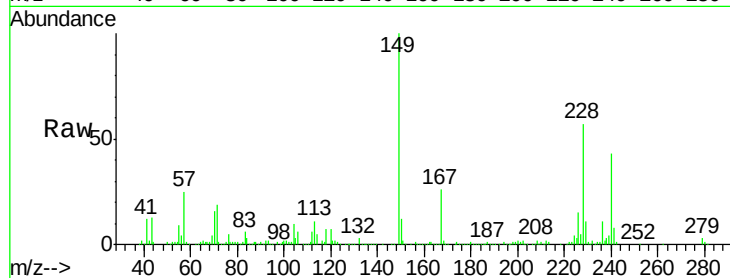
Tgt Ion:240 Resp: 146596

Ion Ratio Lower Upper

240 100

120 17.1 6.8 10.2#

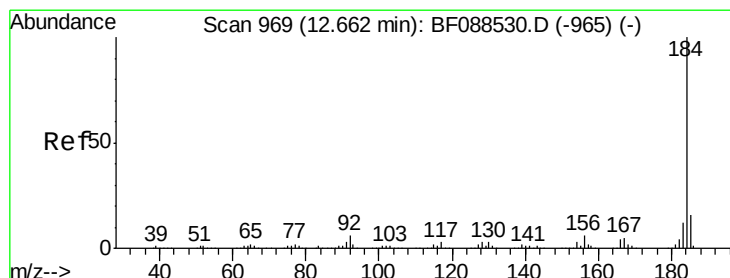
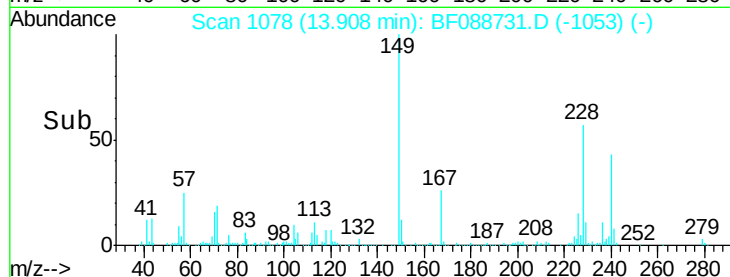
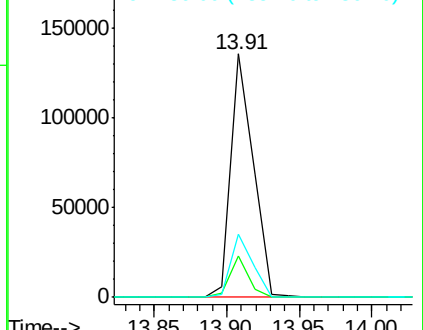
236 25.7 20.2 30.2



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: 40.81 ng

RT: 12.62 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

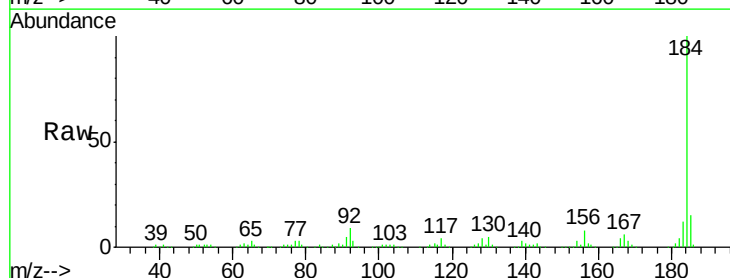
Tgt Ion:184 Resp: 302393

Ion Ratio Lower Upper

184 100

185 15.0 12.5 18.7

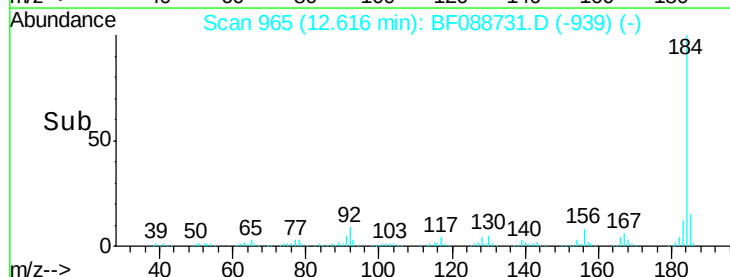
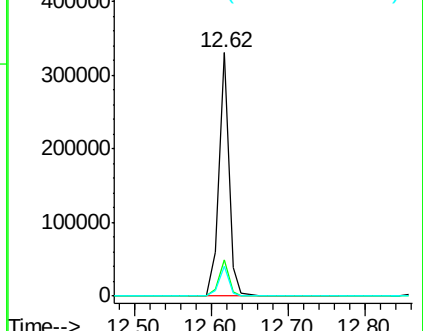
183 12.0 9.3 13.9

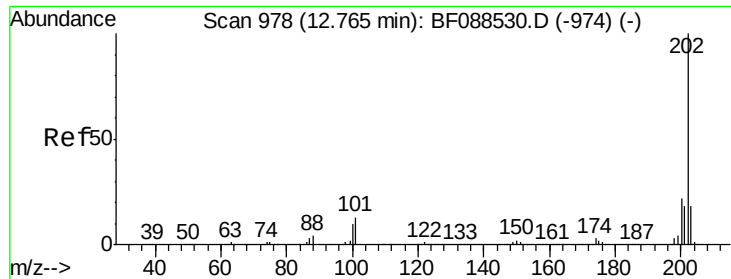


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 35.95 ng

RT: 12.72 min Scan# 974

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

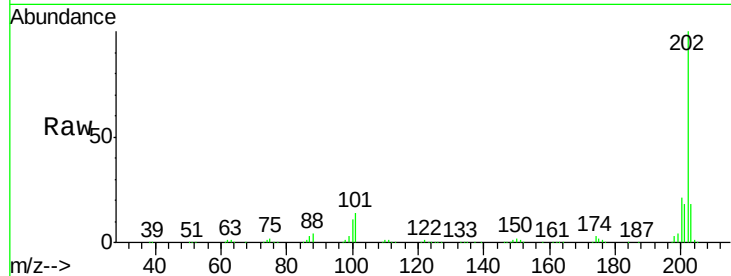
Tgt Ion: 202 Resp: 446871

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

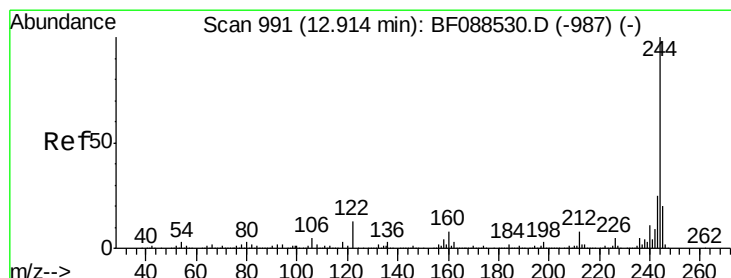
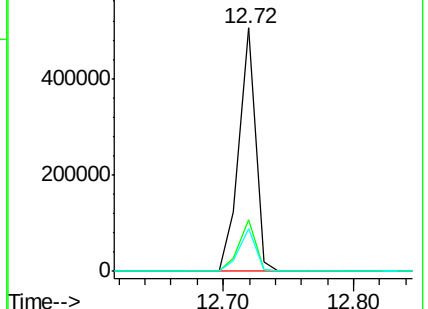
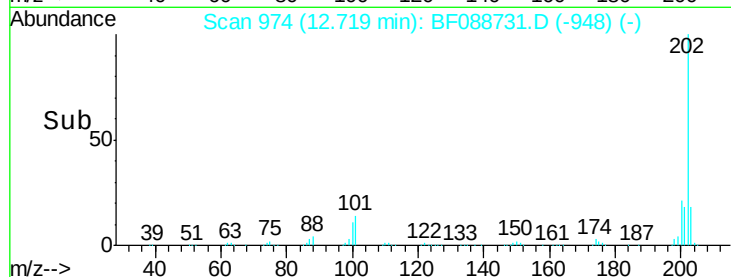
203 17.5 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 76.50 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

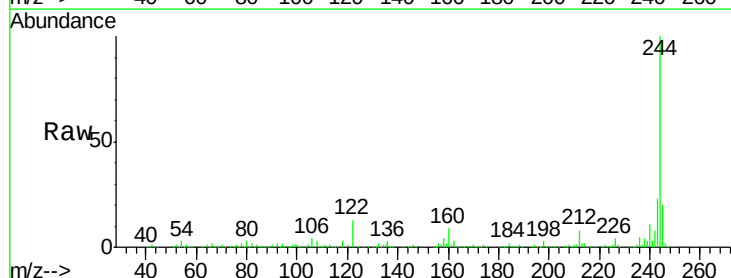
Tgt Ion: 244 Resp: 503522

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

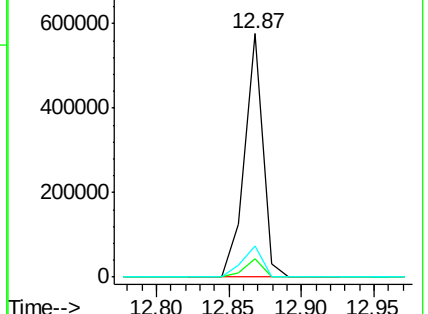
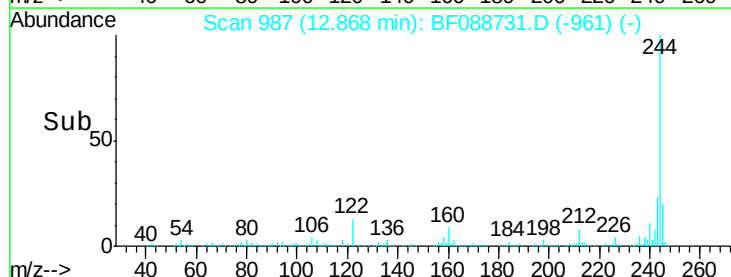
122 12.9 11.2 16.8

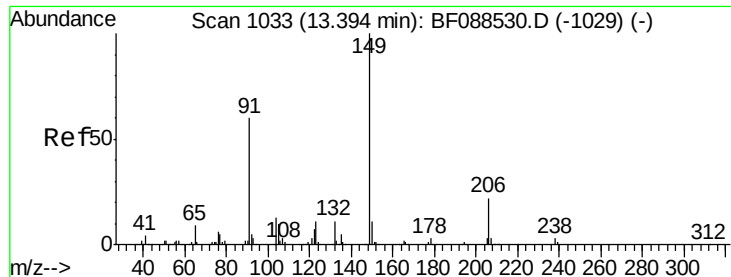


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 36.53 ng

RT: 13.35 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

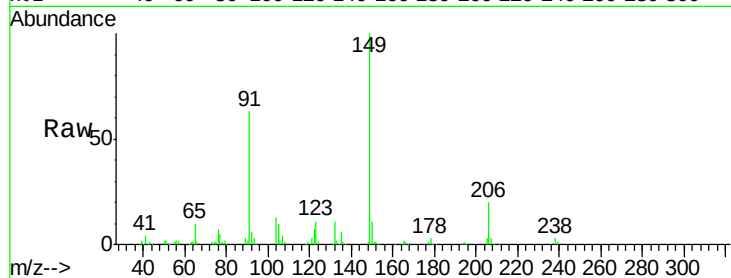
Tgt Ion:149 Resp: 202510

Ion Ratio Lower Upper

149 100

91 62.6 48.0 72.0

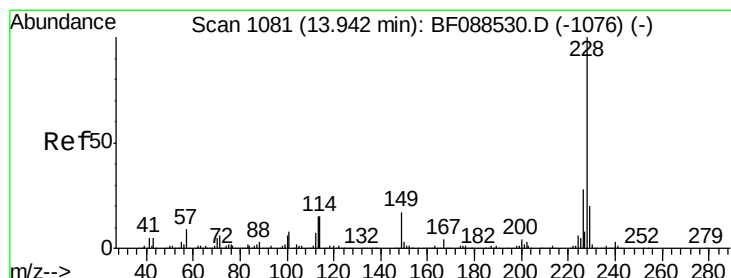
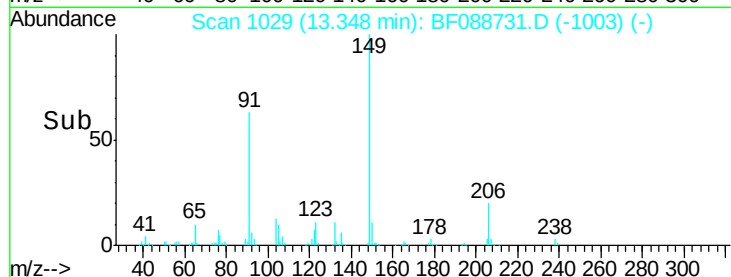
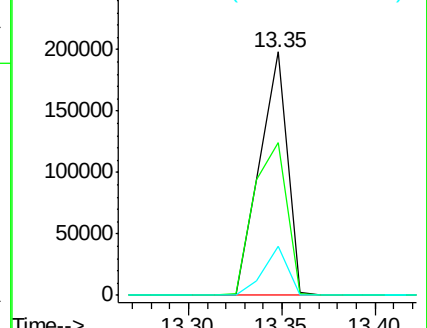
206 20.3 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.94 ng

RT: 13.90 min Scan# 1077

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

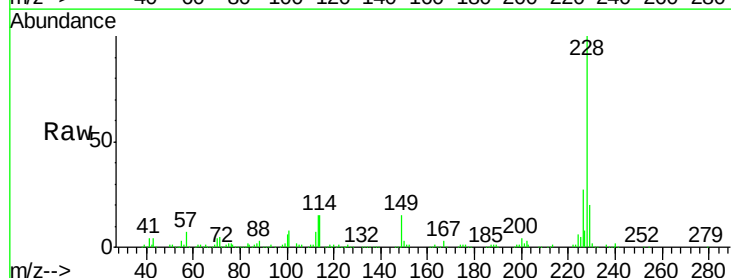
Tgt Ion:228 Resp: 367573

Ion Ratio Lower Upper

228 100

226 26.9 22.3 33.5

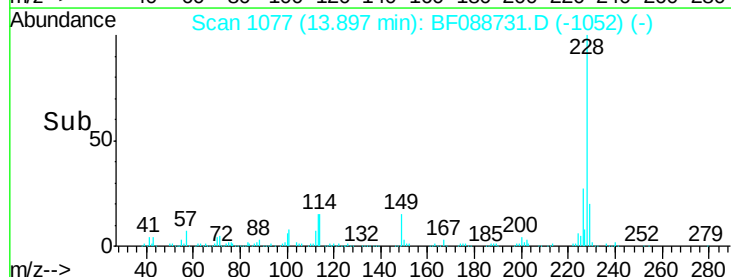
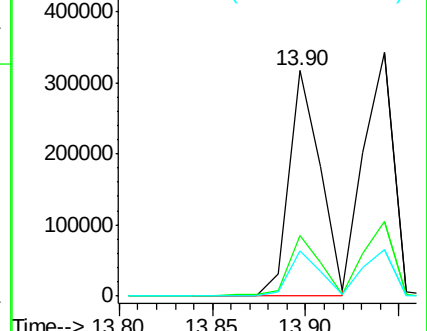
229 19.9 16.0 24.0

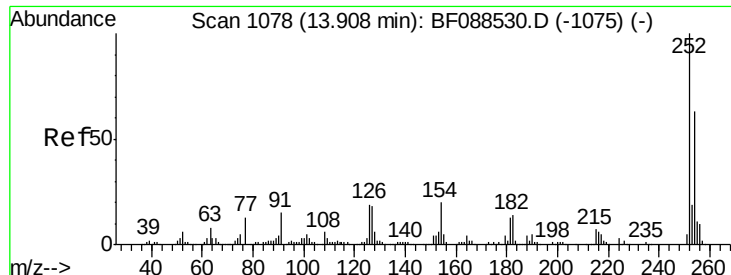


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

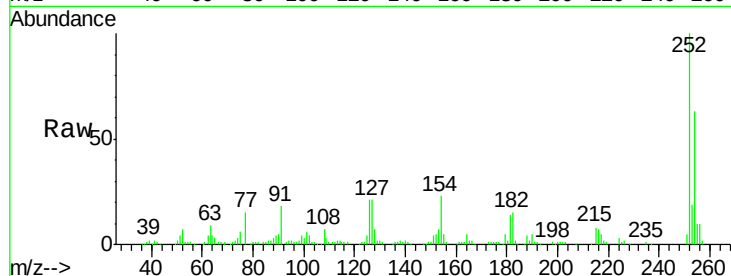




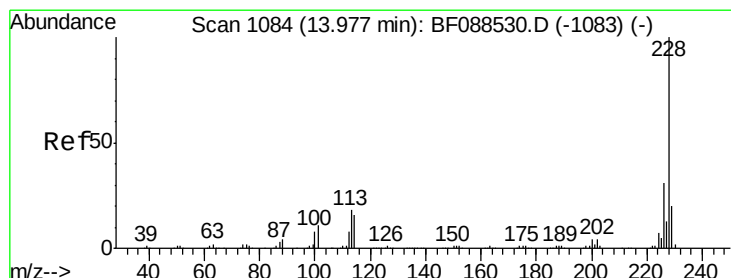
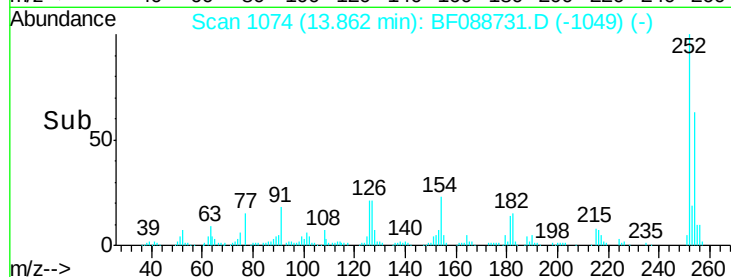
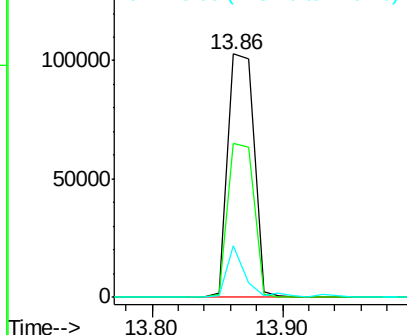
#81
 3,3'-Dichlorobenzidine
 Concen: 40.36 ng
 RT: 13.86 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 252 Resp: 143255
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.6 78.8
 126 21.4 6.2 9.2#

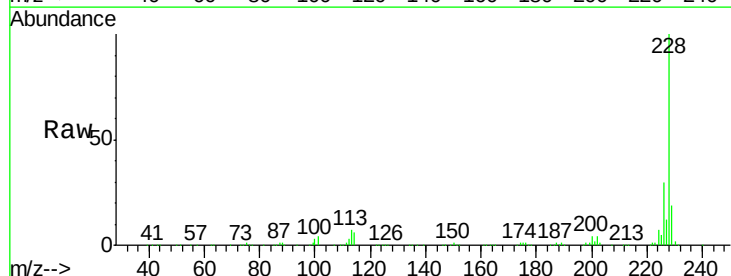


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

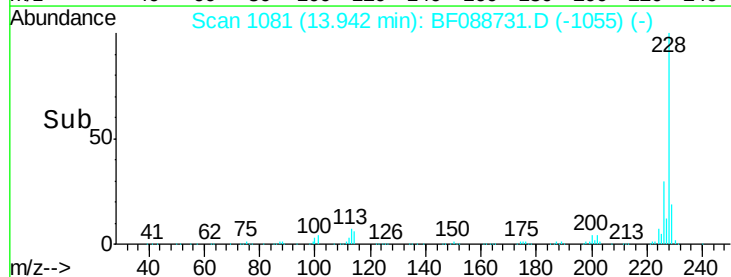
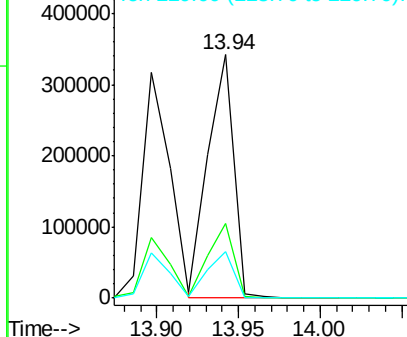


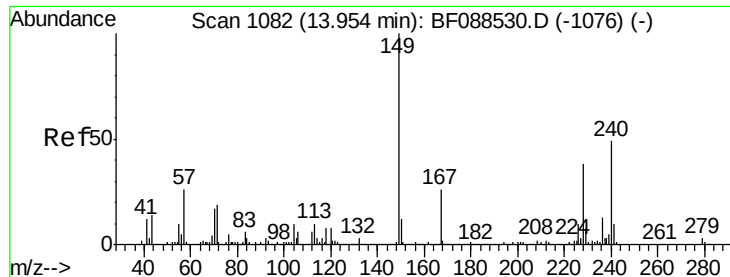
#82
 Chrysene
 Concen: 40.50 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion: 228 Resp: 378243
 Ion Ratio Lower Upper
 228 100
 226 30.4 25.4 38.2
 229 19.3 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

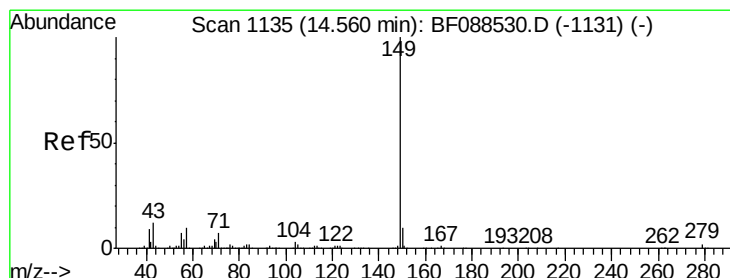
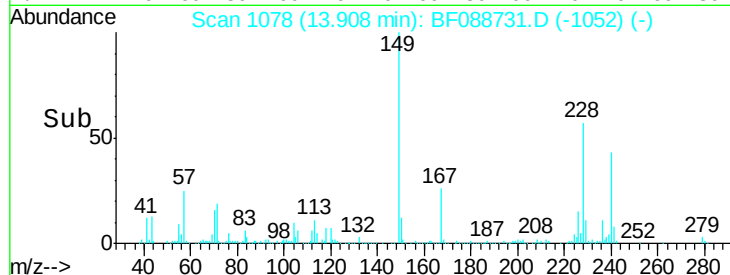
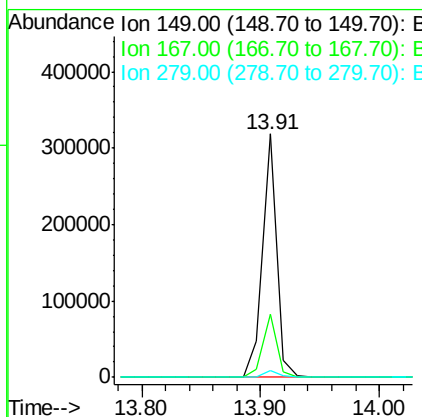
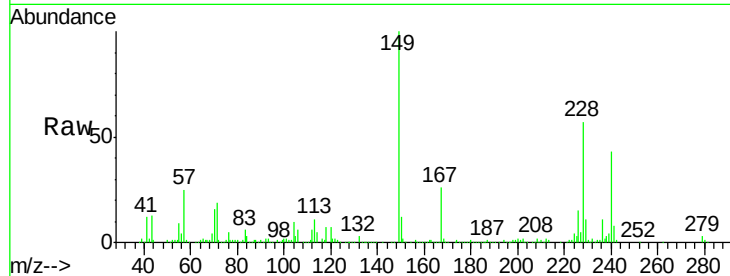




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.50 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

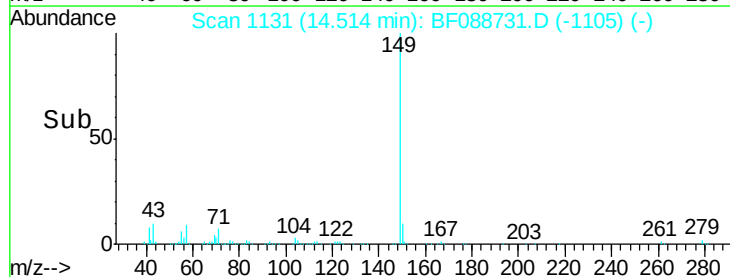
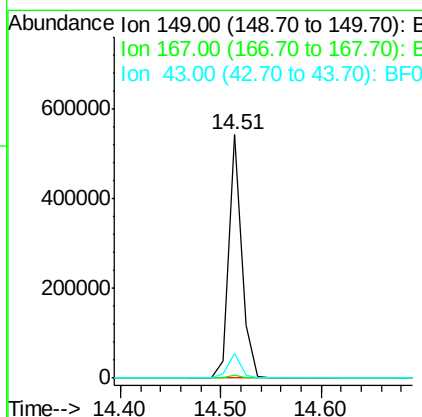
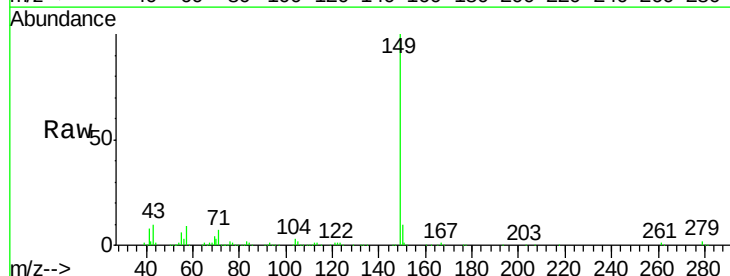
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

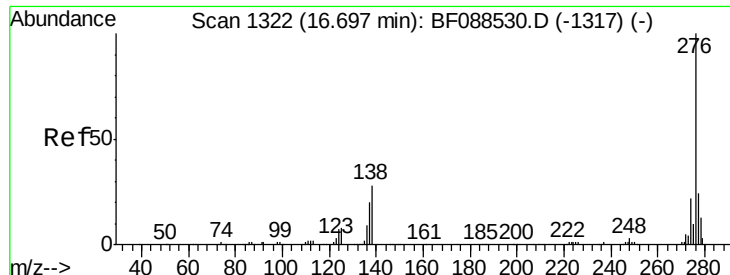
Tgt Ion:149 Resp: 269031
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.5 30.7
 279 2.9 2.0 3.0



#84
 Di-n-octyl phthalate
 Concen: 45.04 ng
 RT: 14.51 min Scan# 1131
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion:149 Resp: 484367
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.7 0.0 0.0#

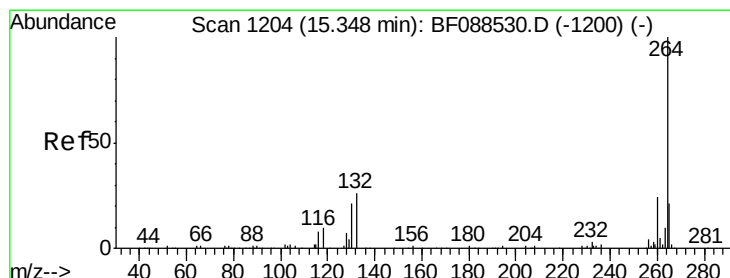
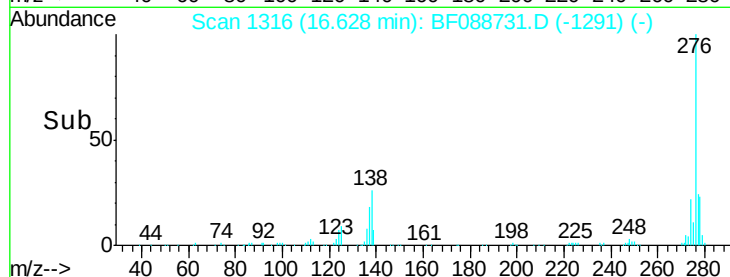
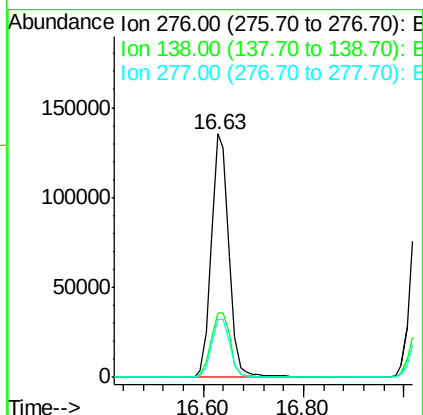
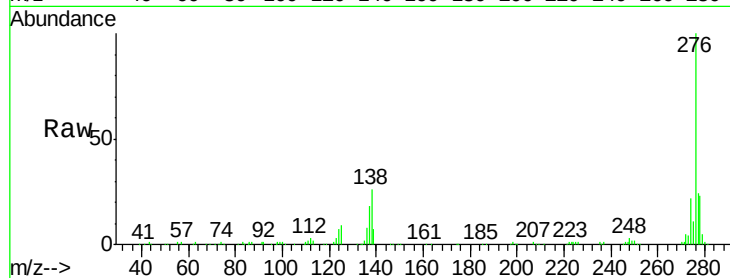




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.65 ng
 RT: 16.63 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

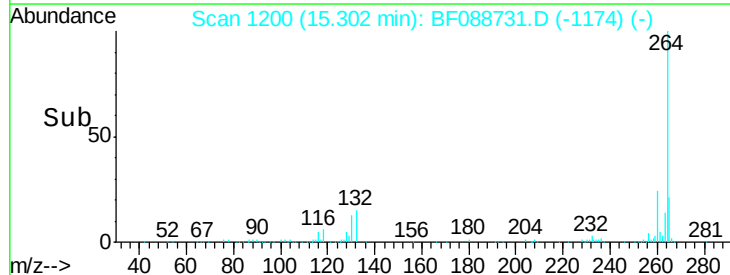
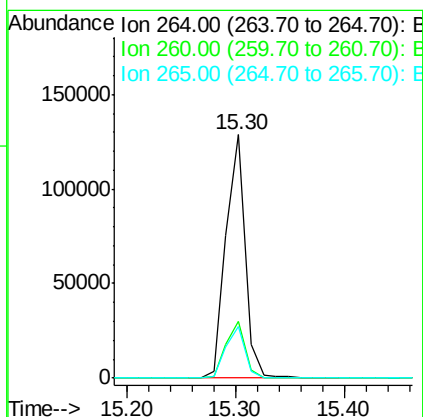
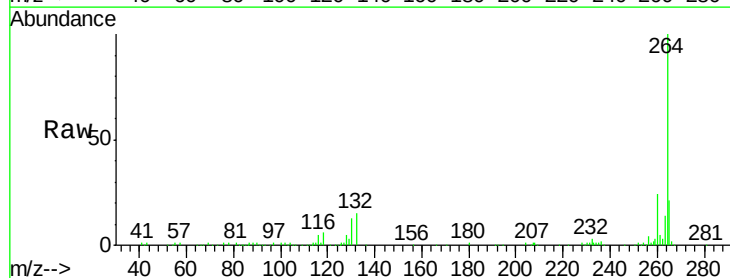
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

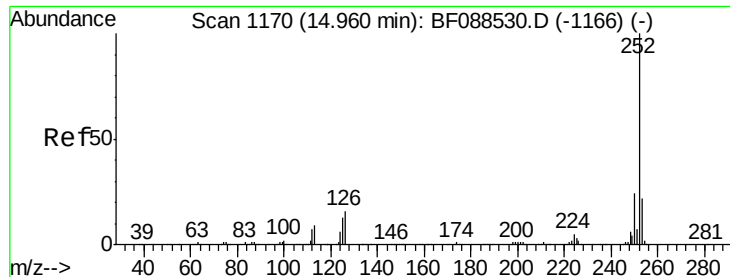
Tgt Ion: 276 Resp: 327987
 Ion Ratio Lower Upper
 276 100
 138 29.1 0.0 0.0#
 277 25.2 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF088731.D
 Acq: 6 Jul 2016 4:59

Tgt Ion: 264 Resp: 157500
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.1 16.9 25.3





#87

Benzo(b)fluoranthene

Concen: 72.63 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.02 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

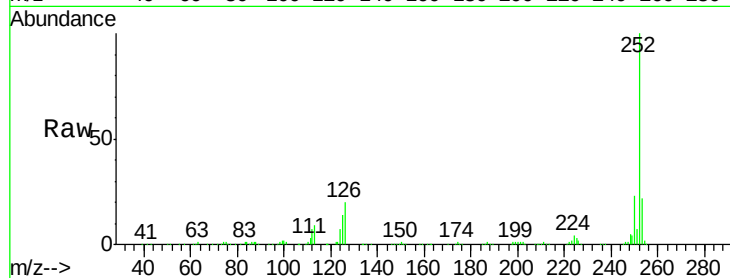
Tgt Ion:252 Resp: 717573

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

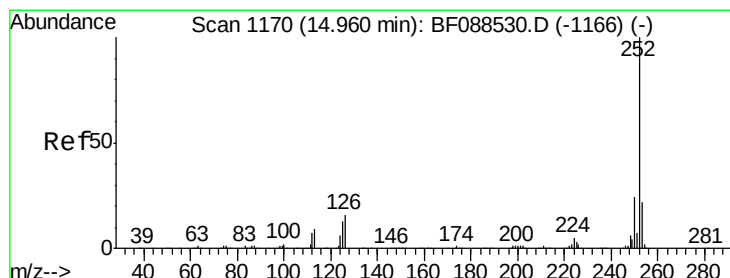
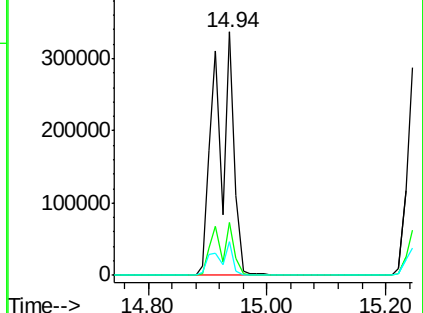
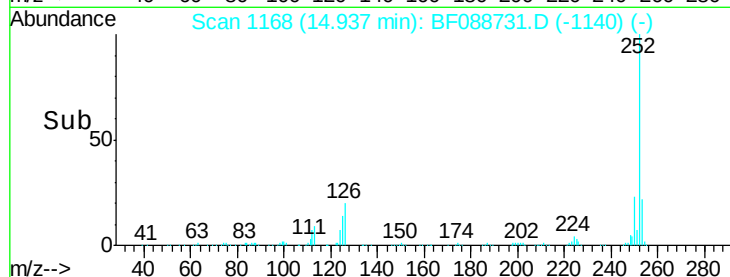
125 13.7 7.1 10.7#



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



#88

Benzo(k)fluoranthene

Concen: 83.43 ng

RT: 14.94 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

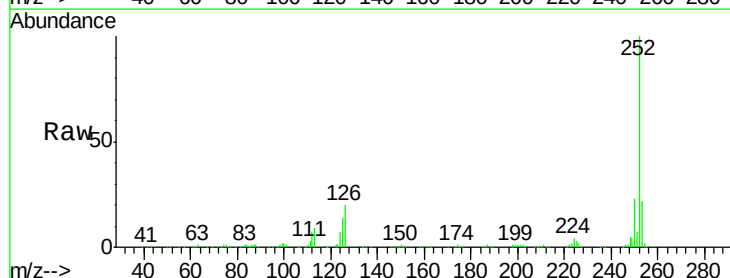
Tgt Ion:252 Resp: 717573

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

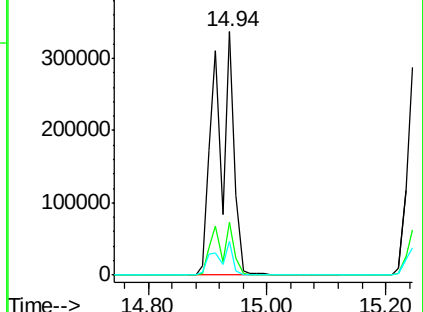
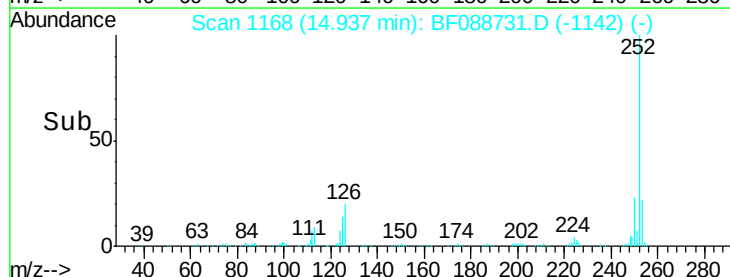
125 13.7 11.2 16.8

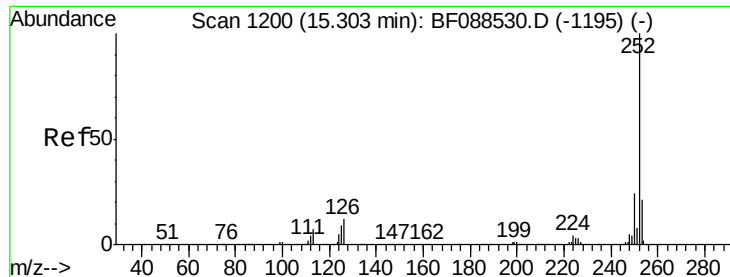


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.06 ng

RT: 15.25 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

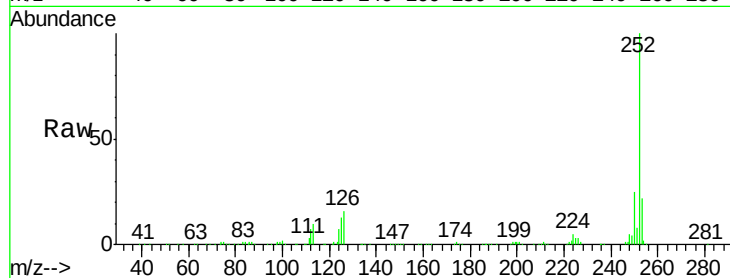
Tgt Ion:252 Resp: 335073

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

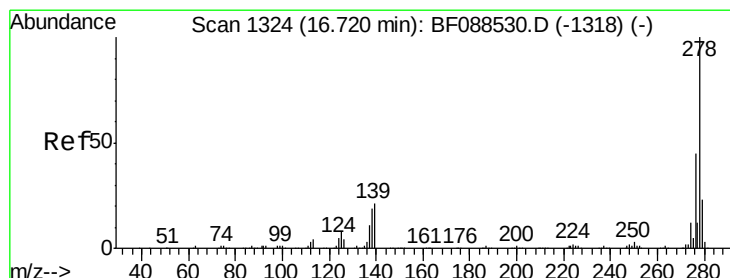
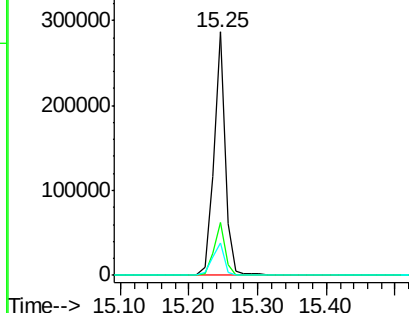
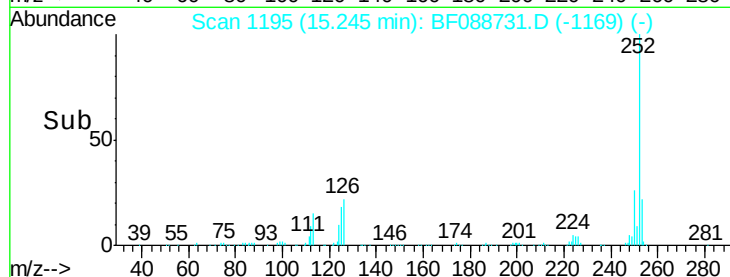
125 13.2 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.16 ng

RT: 16.65 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

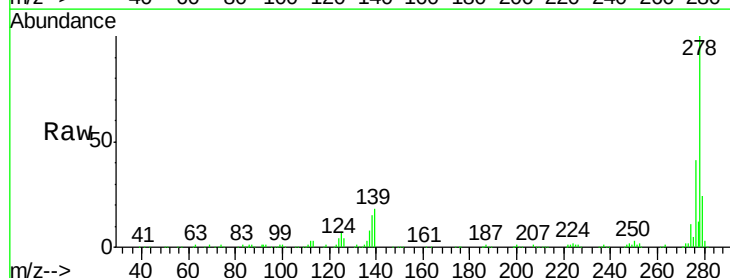
Tgt Ion:278 Resp: 287508

Ion Ratio Lower Upper

278 100

139 17.5 15.7 23.5

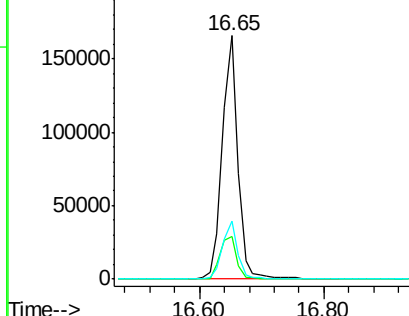
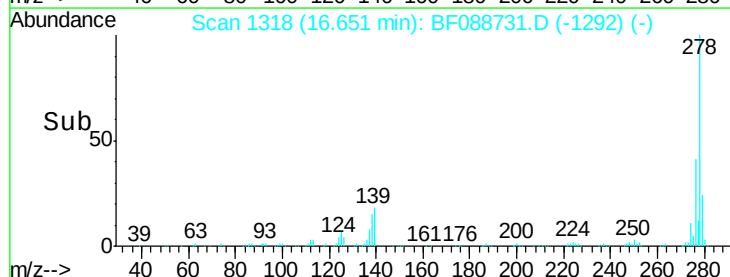
279 23.9 19.4 29.2

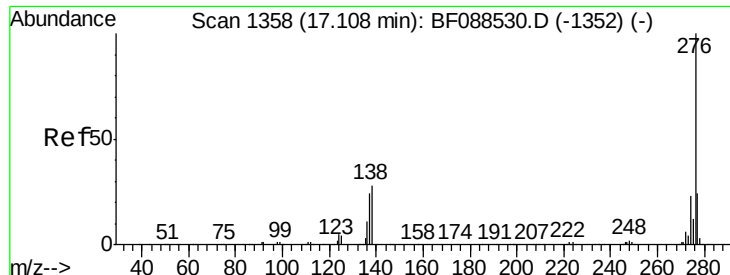


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.81 ng

RT: 17.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF088731.D

Acq: 6 Jul 2016 4:59

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

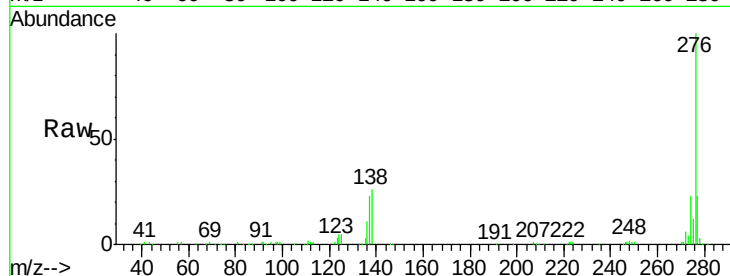
Tgt Ion: 276 Resp: 273308

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 25.6 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

