

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088770.D
 Acq On : 7 Jul 2016 8:40
 Operator : UM/SJ
 Sample : H3897-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 07 14:15:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	90464	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	349915	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	153283	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	255181	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	174836	20.00	ng	-0.03
86) Perylene-d12	15.27	264	167872	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	482248	79.89	ng	-0.02
7) Phenol-d6	6.39	99	667436	85.57	ng	-0.02
23) Nitrobenzene-d5	7.31	82	405296	60.70	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	122200	85.85	ng	-0.03
44) 2-Fluorobiphenyl	9.12	172	746719	76.95	ng	-0.02
78) Terphenyl-d14	12.85	244	497378	63.36	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	59164	19.77	ng	# 29
3) Pyridine	2.99	79	153524	17.68	ng	93
4) n-Nitrosodimethylamine	2.95	42	68227	20.57	ng	92
6) Aniline	6.41	93	168811	14.85	ng	# 70
8) 2-Chlorophenol	6.54	128	180525	27.83	ng	90
9) Benzaldehyde	6.28	77	116859	22.12	ng	# 79
10) Phenol	6.40	94	179826	20.20	ng	# 51
11) bis(2-Chloroethyl)ether	6.49	93	166593	25.10	ng	89
12) 1,3-Dichlorobenzene	6.68	146	166864	23.37	ng	# 93
13) 1,4-Dichlorobenzene	6.76	146	168969	23.85	ng	94
14) 1,2-Dichlorobenzene	6.92	146	172204	25.96	ng	96
15) Benzyl Alcohol	6.89	79	145465	25.34	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.04	45	196580	20.45	ng	89
17) 2-Methylphenol	7.02	107	151212	28.57	ng	98
18) Hexachloroethane	7.27	117	63708	23.24	ng	97
19) n-Nitroso-di-n-propylamine	7.18	70	125729	24.00	ng	# 79
20) 3+4-Methylphenols	7.16	107	164168	25.85	ng	# 71
22) Acetophenone	7.16	105	243232	28.64	ng	# 89
24) Nitrobenzene	7.34	77	203909	30.29	ng	89
25) Isophorone	7.58	82	333554	26.97	ng	96
26) 2-Nitrophenol	7.66	139	85202	30.86	ng	# 83
27) 2,4-Dimethylphenol	7.70	122	146507	25.48	ng	95
28) bis(2-Chloroethoxy)methane	7.79	93	229465	28.51	ng	# 95
29) 2,4-Dichlorophenol	7.90	162	139214	29.96	ng	97
30) 1,2,4-Trichlorobenzene	7.98	180	136980	26.86	ng	98
31) Naphthalene	8.06	128	493325	28.60	ng	99
32) Benzoic acid	7.78	122	26196	6.27	ng	97
33) 4-Chloroaniline	8.10	127	89470	11.66	ng	93
34) Hexachlorobutadiene	8.18	225	81787	29.95	ng	98
35) Caprolactam	8.47	113	41363	26.21	ng	# 60
36) 4-Chloro-3-methylphenol	8.59	107	144198	26.24	ng	92
37) 2-Methylnaphthalene	8.75	142	310662	27.97	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	121458	23.82	ng	# 1
40) Hexachlorocyclopentadiene	8.90	237	61890	24.73	ng	99

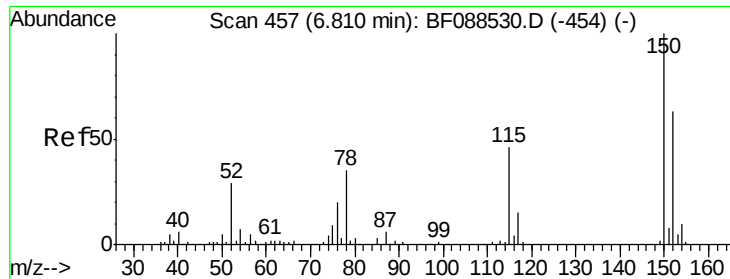
Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	92762	27.60	nq	98
43) 2,4,5-Trichlorophenol	9.06	196	81726	28.26	nq #	80
45) 1,1'-Biphenyl	9.21	154	347825	27.40	nq	99
46) 2-Chloronaphthalene	9.23	162	271839	27.28	nq	97
47) 2-Nitroaniline	9.32	65	80662	22.81	nq	92
48) Acenaphthylene	9.64	152	418248	26.38	nq	100
49) Dimethylphthalate	9.52	163	458301	41.97	nq	99
50) 2,6-Dinitrotoluene	9.58	165	78025	32.24	nq #	79
51) Acenaphthene	9.82	154	246774	25.39	nq	98
52) 3-Nitroaniline	9.74	138	57805	18.79	nq	90
53) 2,4-Dinitrophenol	9.84	184	7735	7.24	nq #	81
54) Dibenzofuran	9.99	168	373281	29.34	nq #	88
55) 4-Nitrophenol	9.91	139	140632	60.15	nq	93
56) 2,4-Dinitrotoluene	9.98	165	100184	31.66	nq #	77
57) Fluorene	10.33	166	286773	29.25	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.11	232	61405	27.44	nq #	53
59) Diethylphthalate	10.22	149	356765	32.55	nq	99
60) 4-Chlorophenyl-phenylether	10.33	204	139431	30.61	nq	93
61) 4-Nitroaniline	10.34	138	53137	17.95	nq	81
62) Azobenzene	10.49	77	365271	29.22	nq	90
64) 4,6-Dinitro-2-methylphenol	10.38	198	8972	6.57	nq	95
65) n-Nitrosodiphenylamine	10.44	169	263148	30.47	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	74660	29.03	nq #	74
67) Hexachlorobenzene	10.88	284	85624	30.08	nq #	85
68) Atrazine	10.97	200	71766	26.67	nq	91
69) Pentachlorophenol	11.07	266	83460	49.54	nq	98
70) Phenanthrene	11.29	178	388955	27.88	nq	98
71) Anthracene	11.34	178	394029	28.41	nq	99
72) Carbazole	11.50	167	343342	26.30	nq	97
73) Di-n-butylphthalate	11.84	149	464212	30.57	nq #	97
74) Fluoranthene	12.47	202	356823	25.23	nq	95
76) Benzidine	12.59	184	272907	30.88	nq	98
77) Pyrene	12.70	202	329414	22.22	nq	99
79) Butylbenzylphthalate	13.33	149	168147	25.43	nq	98
80) Benzo(a)anthracene	13.87	228	281104	24.97	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	88431	20.89	nq #	96
82) Chrysene	13.91	228	238963	21.45	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	228322	30.24	nq	99
84) Di-n-octyl phthalate	14.49	149	361022	28.15	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	237922	27.76	nq #	100
87) Benzo(b)fluoranthene	14.88	252	515231	48.93	nq #	97
88) Benzo(k)fluoranthene	14.88	252	515231	56.20	nq	98
89) Benzo(a)pyrene	15.21	252	245443	27.53	nq #	95
90) Dibenzo(a,h)anthracene	16.59	278	201674	27.09	nq	99
91) Benzo(g,h,i)perylene	16.97	276	187314	24.31	nq	98

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

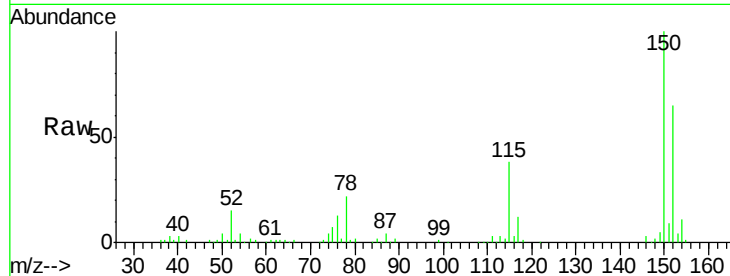


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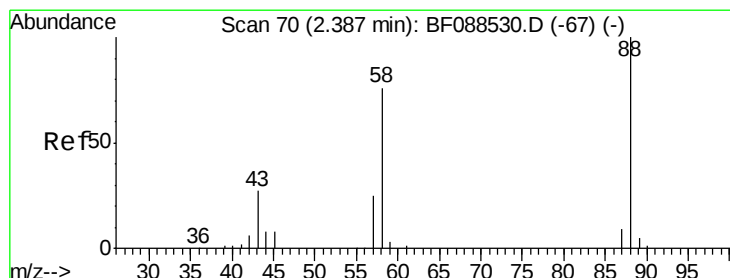
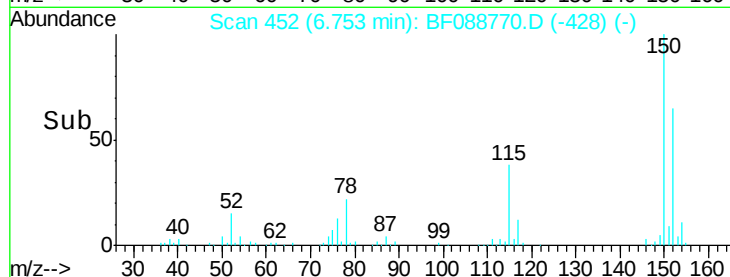
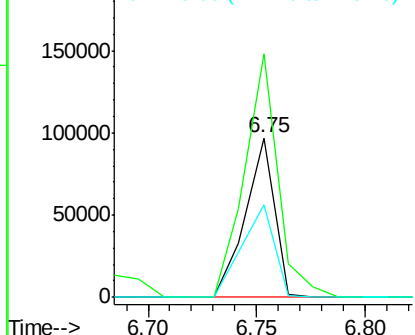
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90464
Ion Ratio Lower Upper
152 100
150 153.0 123.8 185.6
115 58.3 39.6 59.4



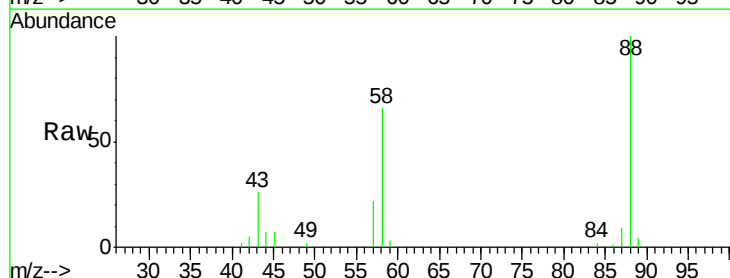
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



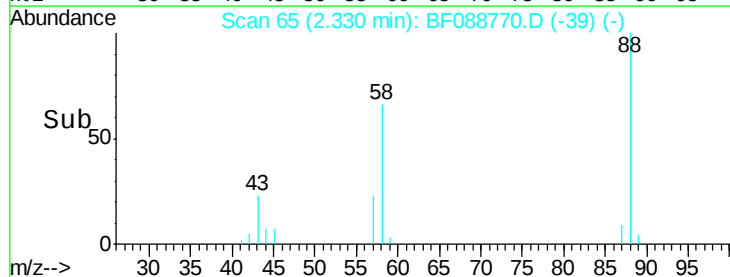
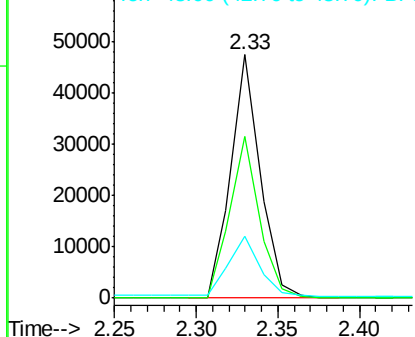
#2

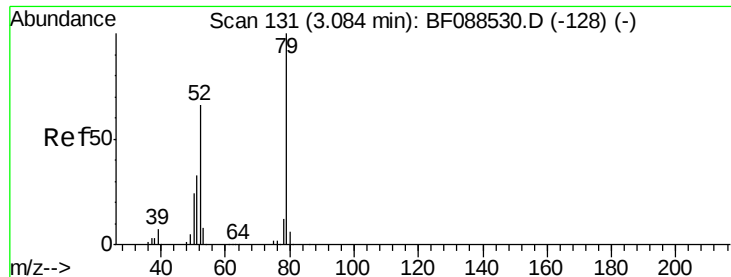
1,4-Dioxane
Concen: 19.77 ng
RT: 2.33 min Scan# 65
Delta R.T. 0.00 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion: 88 Resp: 59164
Ion Ratio Lower Upper
88 100
58 67.2 0.0 0.0#
43 27.8 3.4 5.2#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 17.68 ng

RT: 2.99 min Scan# 123

Delta R.T. -0.01 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

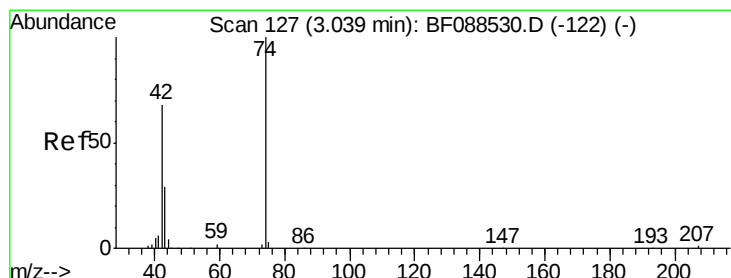
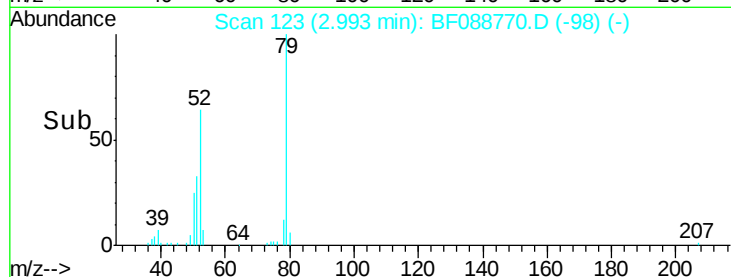
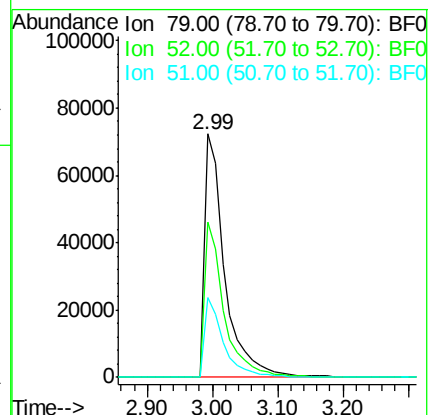
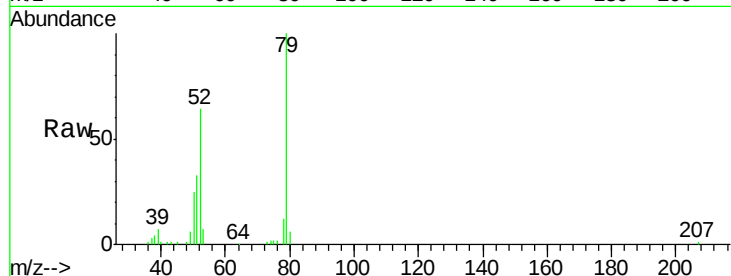
Tot Ion: 79 Resp: 153524

Ion Ratio Lower Upper

79 100

52 63.6 56.3 84.5

51 32.6 27.4 41.2



#4

n-Nitrosodimethylamine

Concen: 20.57 ng

RT: 2.95 min Scan# 119

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

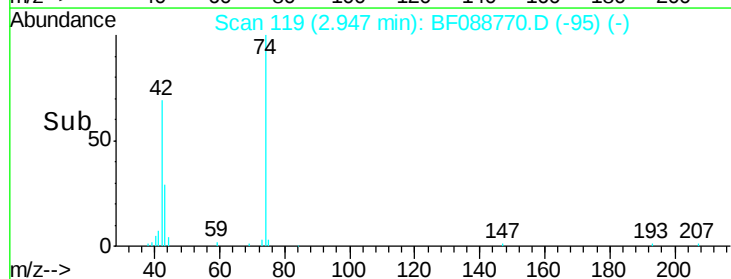
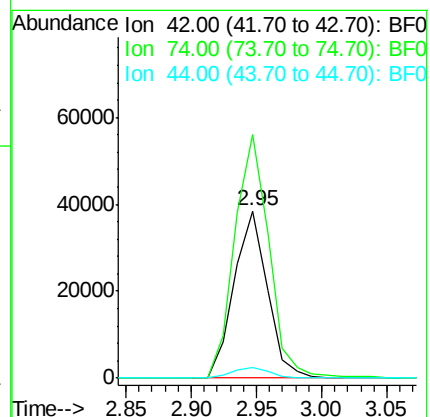
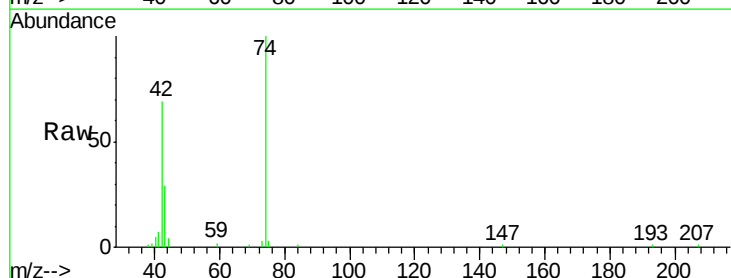
Tgt Ion: 42 Resp: 68227

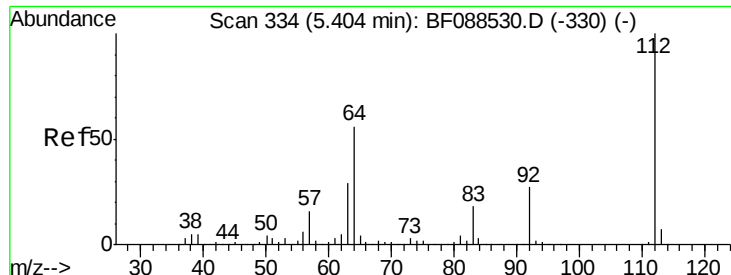
Ion Ratio Lower Upper

42 100

74 145.9 108.6 163.0

44 6.5 5.5 8.3





#5

2-Fluorophenol

Concen: 79.89 ng

RT: 5.35 min Scan# 329

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

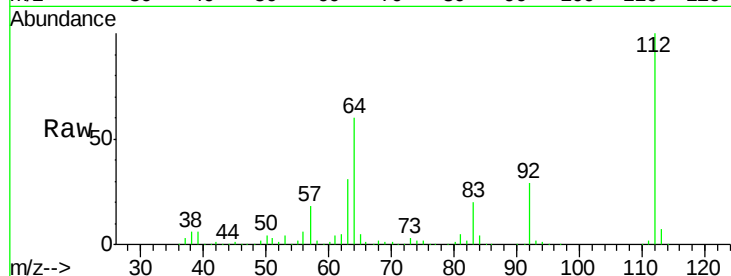
Tot Ion:112 Resp: 482248

Ion Ratio Lower Upper

112 100

64 59.7 42.2 63.2

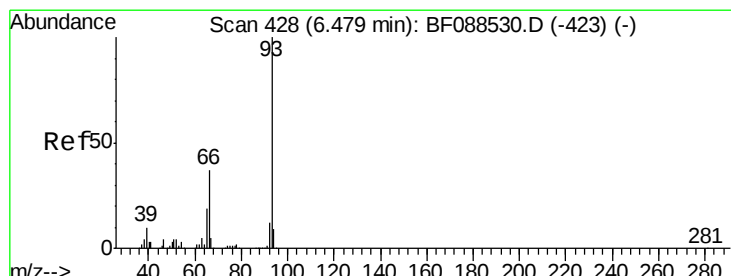
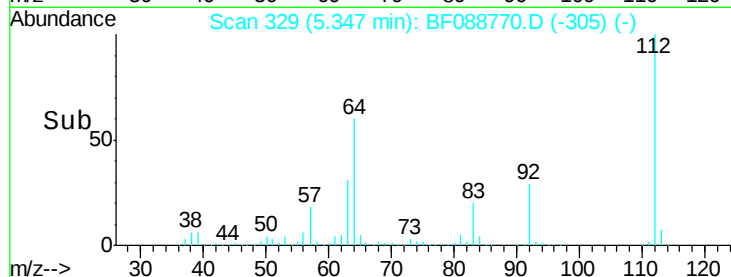
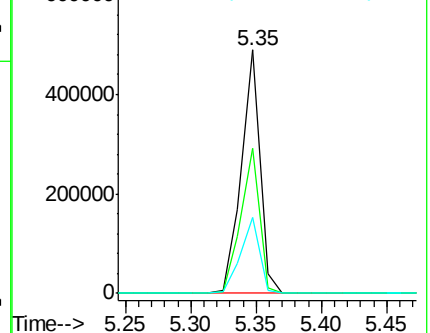
63 31.4 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.85 ng

RT: 6.41 min Scan# 422

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

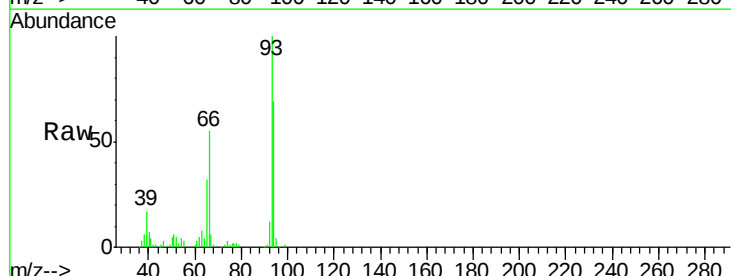
Tgt Ion: 93 Resp: 168811

Ion Ratio Lower Upper

93 100

66 55.2 29.8 44.8#

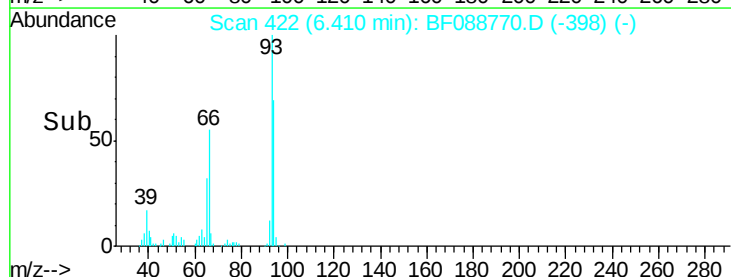
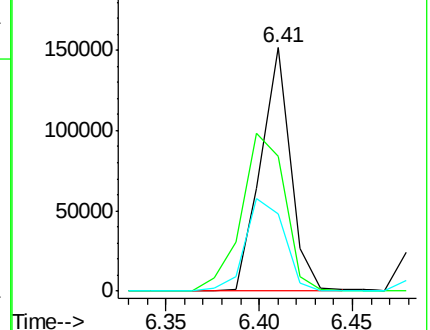
65 31.7 14.9 22.3#



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: 85.57 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

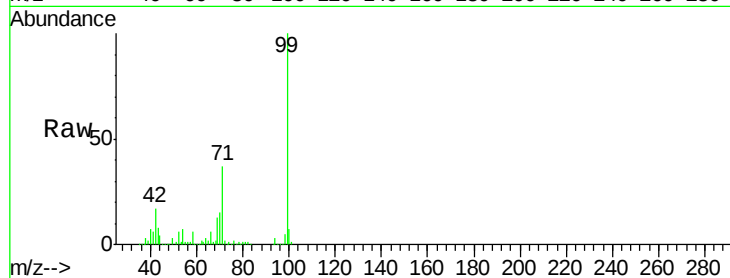
Tot Ion: 99 Resp: 667436

Ion Ratio Lower Upper

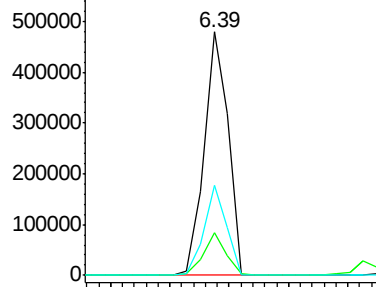
99 100

42 17.3 12.2 18.2

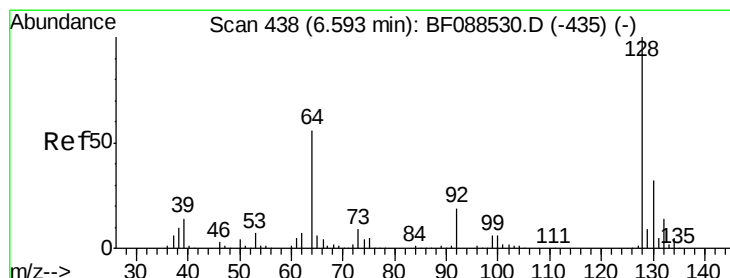
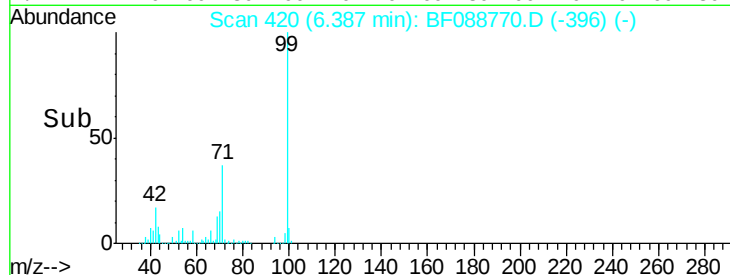
71 36.9 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



Time-->



#8

2-Chlorophenol

Concen: 27.83 ng

RT: 6.54 min Scan# 433

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

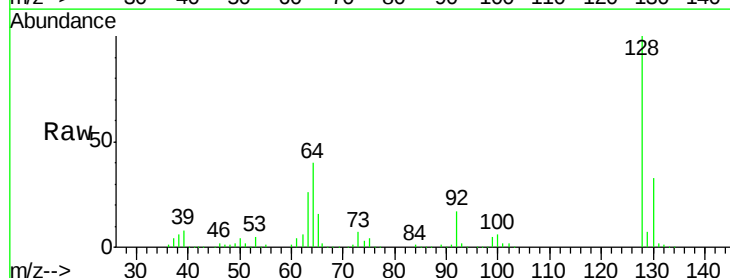
Tgt Ion: 128 Resp: 180525

Ion Ratio Lower Upper

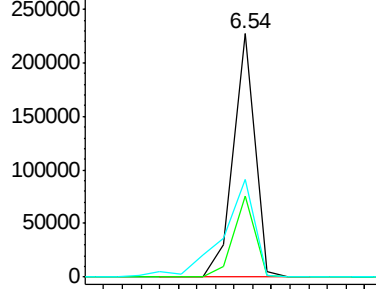
128 100

130 33.4 12.0 52.0

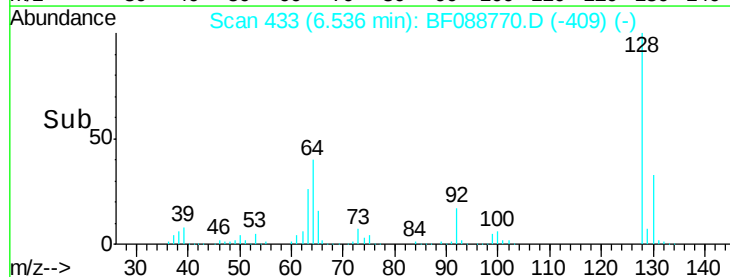
64 40.2 30.8 70.8

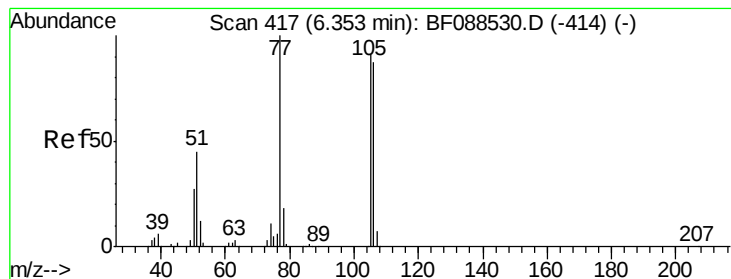


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0



Time-->





#9

Benzaldehyde

Concen: 22.12 ng

RT: 6.28 min Scan# 411

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

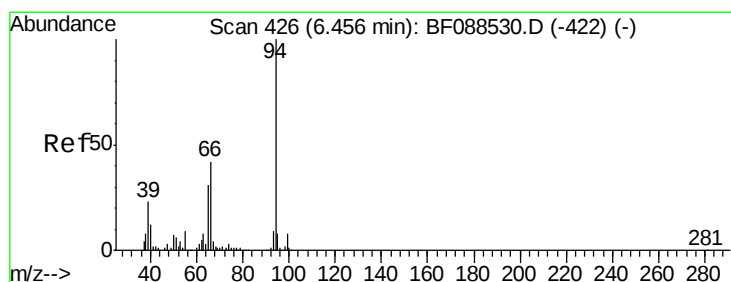
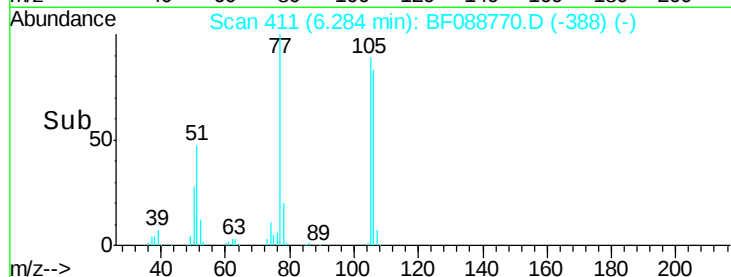
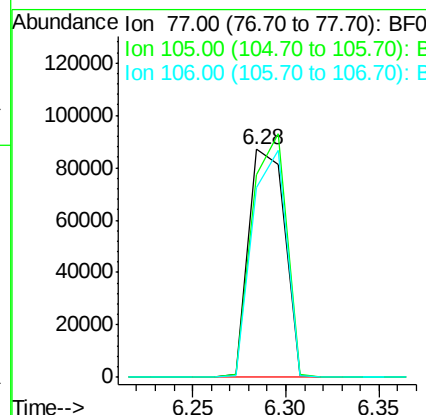
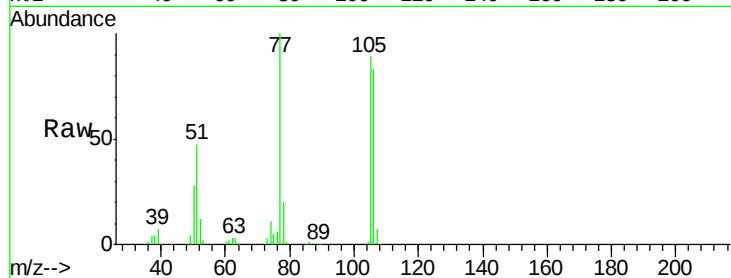
Tot Ion: 77 Resp: 116859

Ion Ratio Lower Upper

77 100

105 88.9 90.6 130.6#

106 83.3 85.3 125.3#



#10

Phenol

Concen: 20.20 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

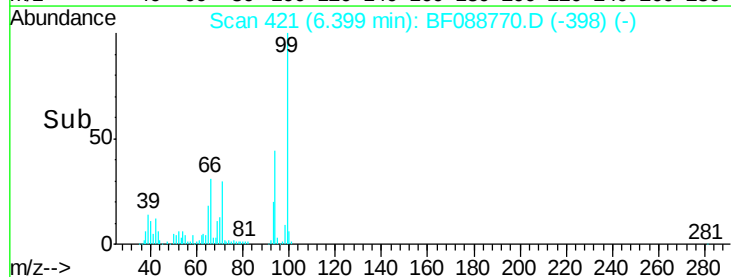
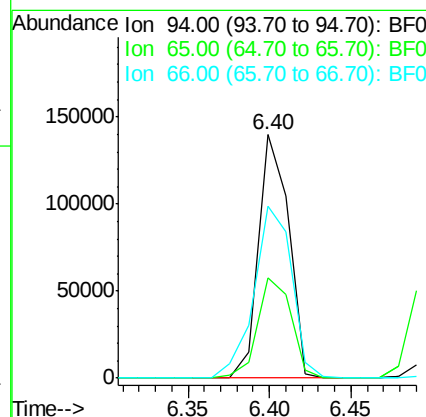
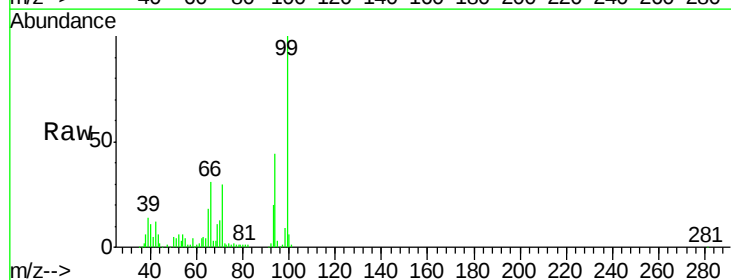
Tgt Ion: 94 Resp: 179826

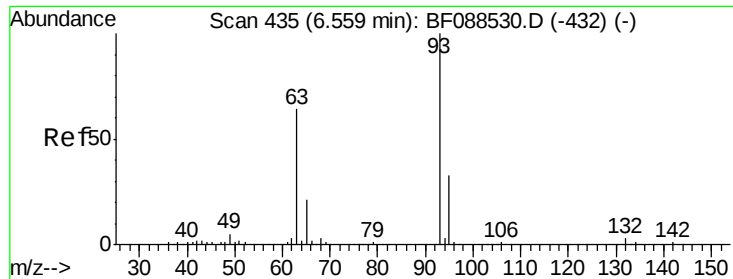
Ion Ratio Lower Upper

94 100

65 41.1 5.9 45.9

66 70.4 14.0 54.0#

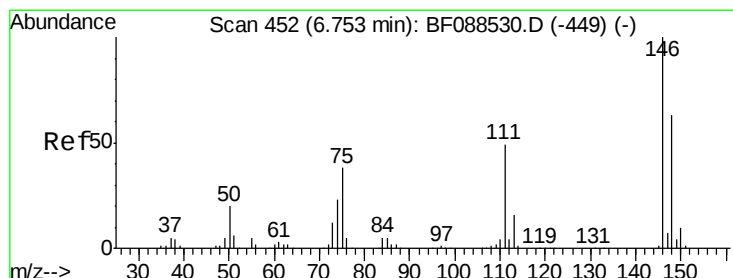
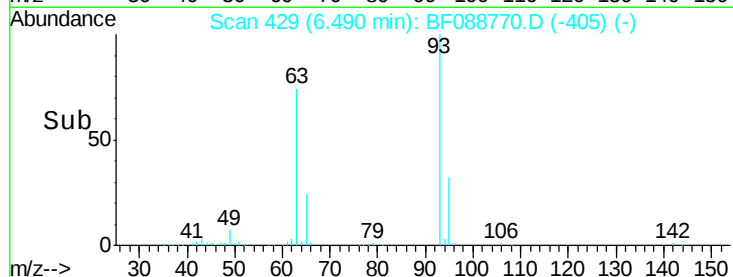
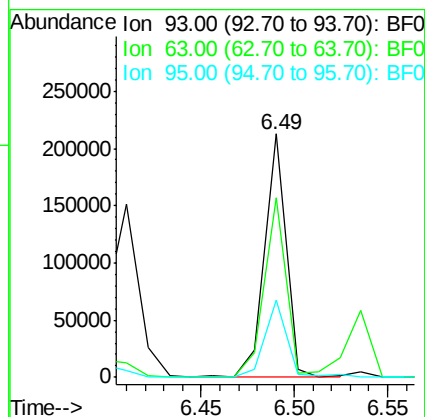
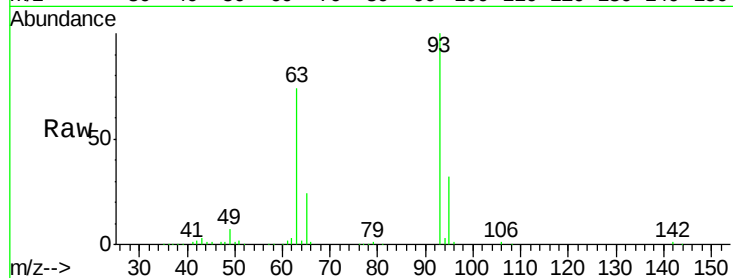




#11
bis(2-Chloroethyl)ether
Concen: 25.10 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

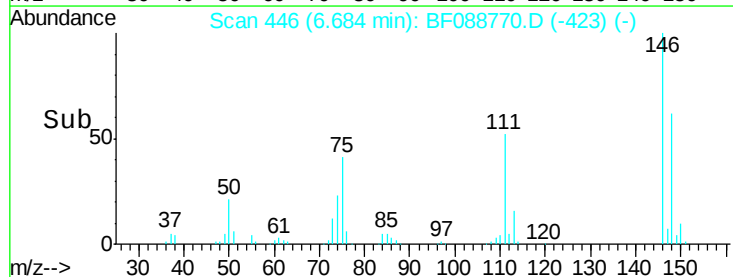
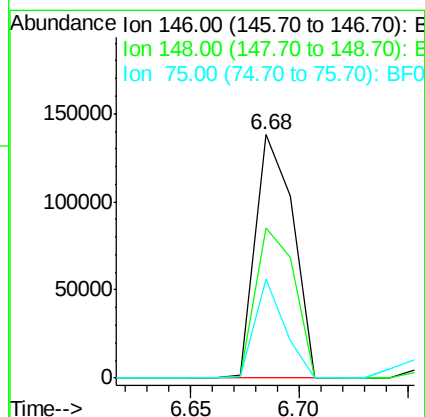
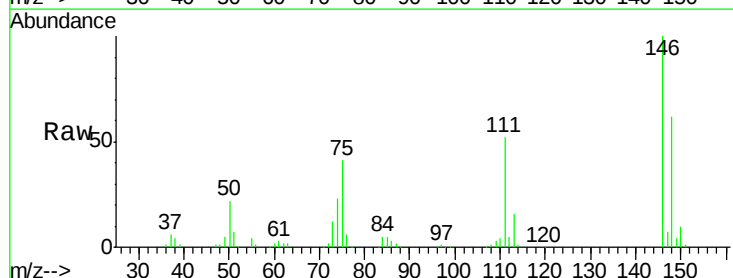
Instrument :
BNA_F
ClientSampleId :

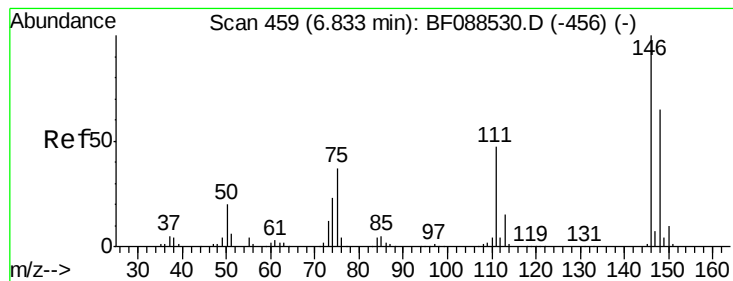
Tot Ion: 93 Resp: 166593
Ion Ratio Lower Upper
93 100
63 73.6 67.6 107.6
95 31.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 23.37 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion: 146 Resp: 166864
Ion Ratio Lower Upper
146 100
148 61.8 50.9 76.3
75 40.8 25.6 38.4#





#13

1,4-Dichlorobenzene

Concen: 23.85 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

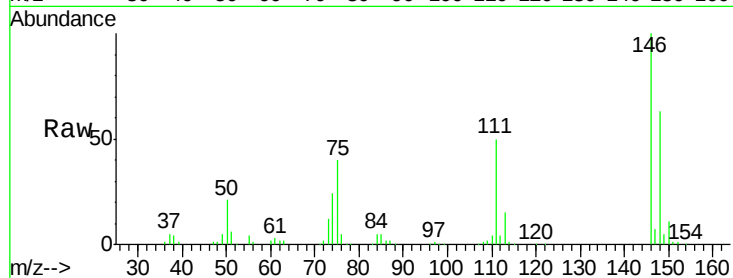
Tot Ion:146 Resp: 168969

Ion Ratio Lower Upper

146 100

148 62.6 52.0 78.0

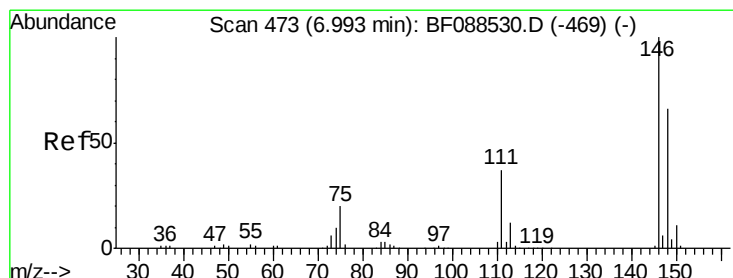
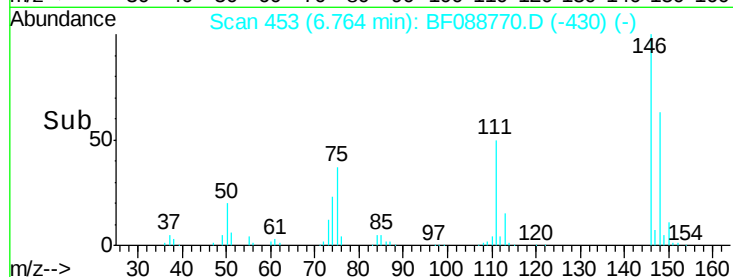
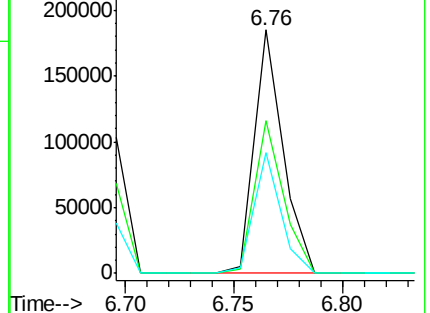
111 49.7 33.8 50.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 25.96 ng

RT: 6.92 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

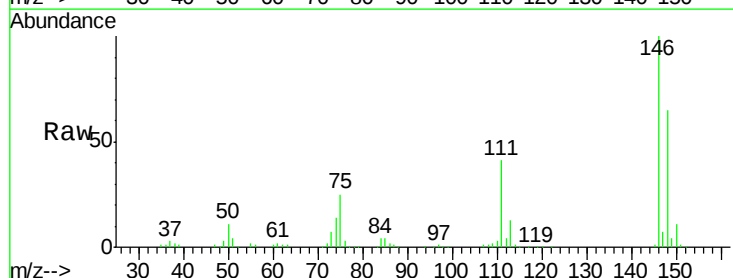
Tgt Ion:146 Resp: 172204

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

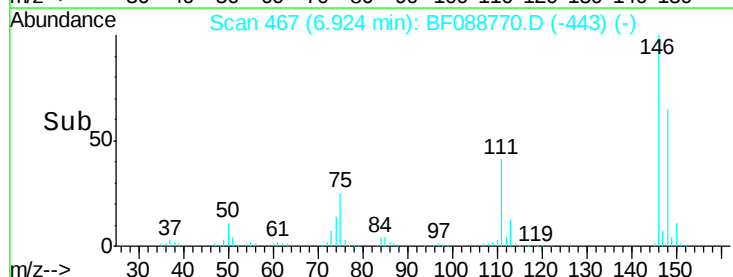
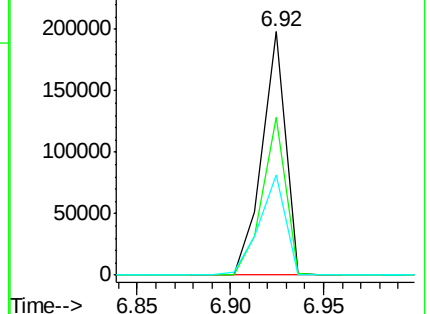
111 41.2 28.7 43.1



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: 25.34 ng

RT: 6.89 min Scan# 464

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

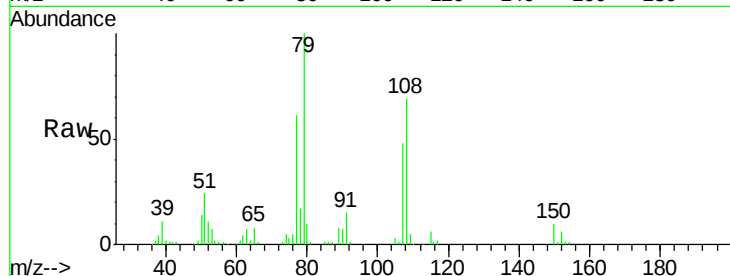
Tot Ion: 79 Resp: 145465

Ion Ratio Lower Upper

79 100

108 68.8 65.0 97.6

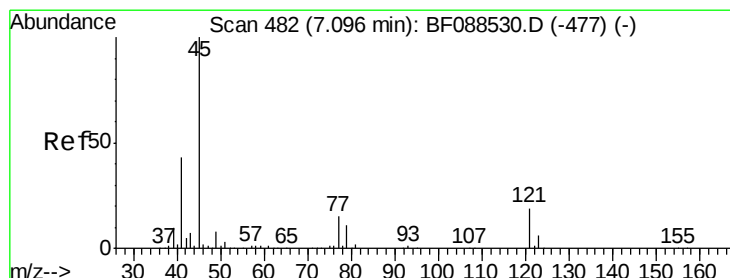
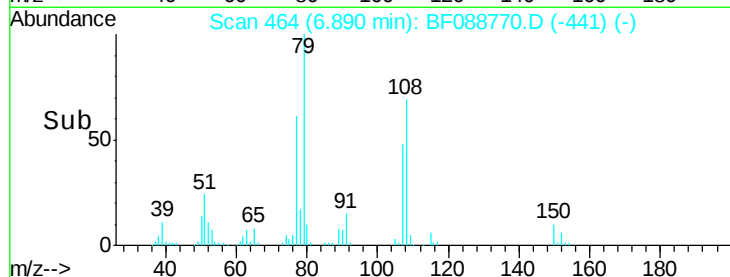
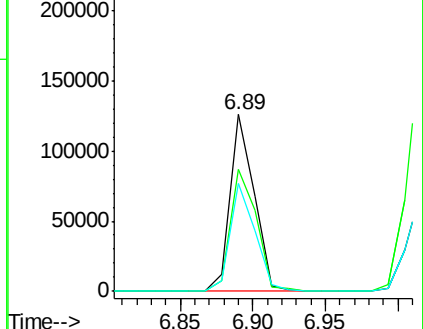
77 61.4 50.3 75.5



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 20.45 ng

RT: 7.04 min Scan# 477

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

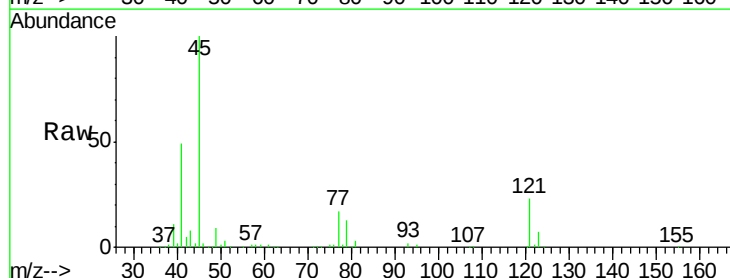
Tgt Ion: 45 Resp: 196580

Ion Ratio Lower Upper

45 100

77 16.8 0.0 32.5

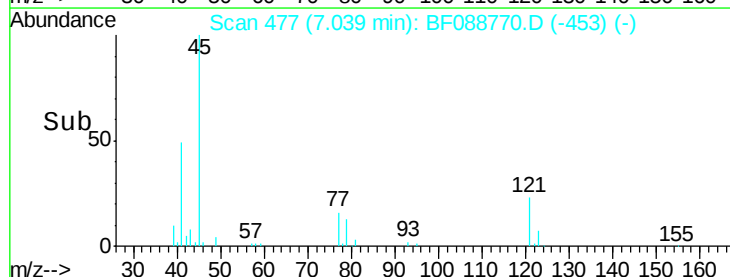
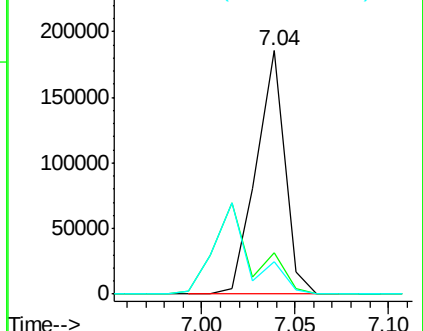
79 13.2 0.0 29.5

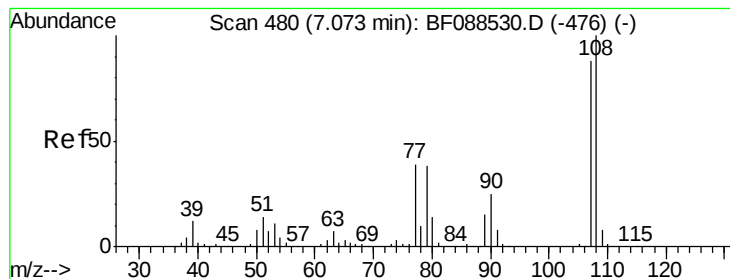


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 28.57 ng

RT: 7.02 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 151212

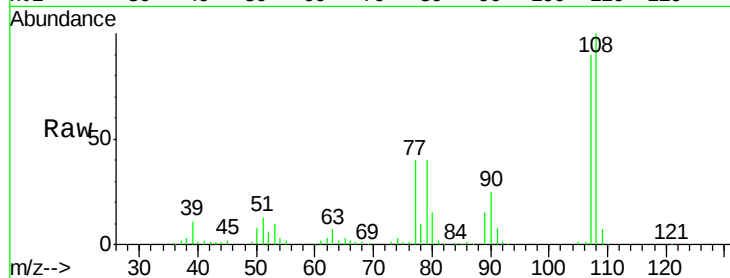
Ion Ratio Lower Upper

107 100

108 111.2 90.9 136.3

77 44.7 36.6 55.0

79 44.8 36.5 54.7

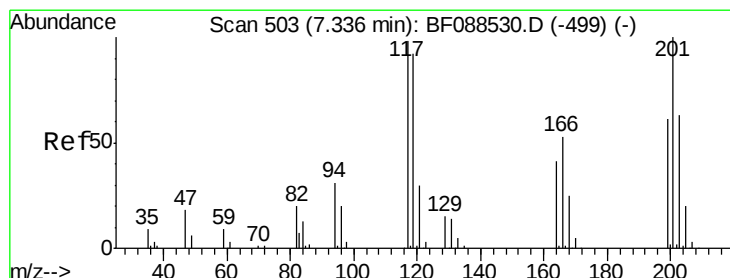
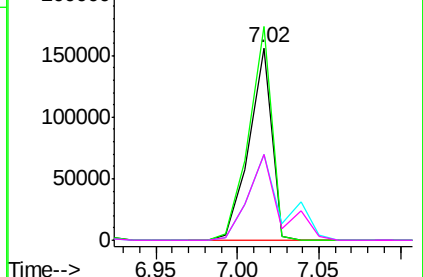
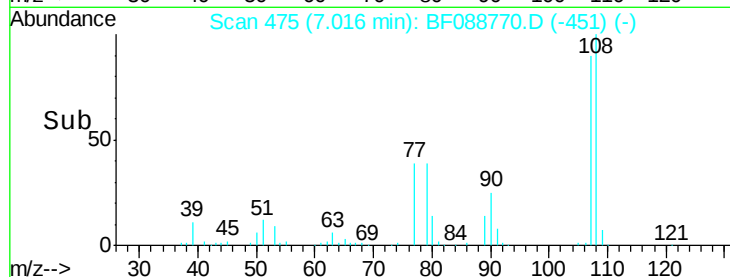


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 23.24 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

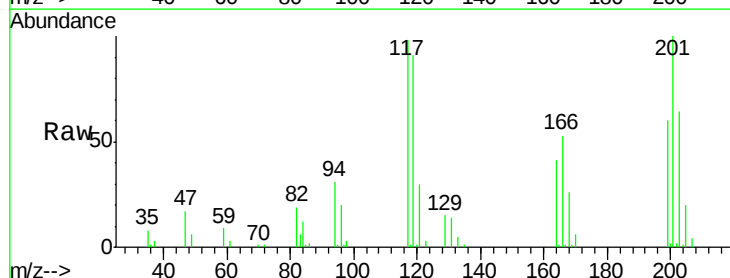
Tgt Ion:117 Resp: 63708

Ion Ratio Lower Upper

117 100

119 93.2 77.4 116.2

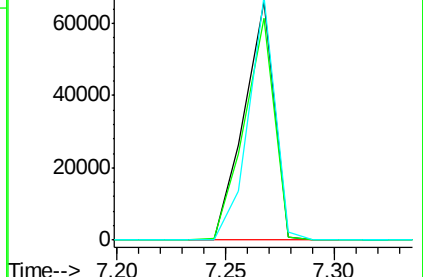
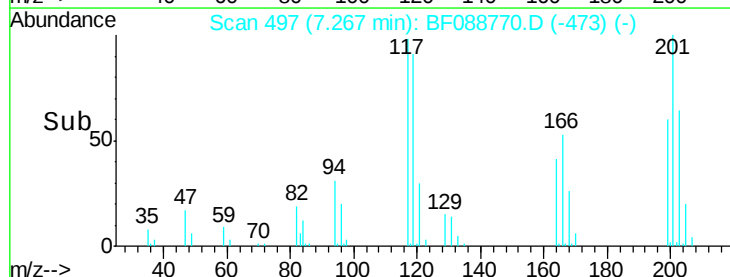
201 102.3 80.4 120.6

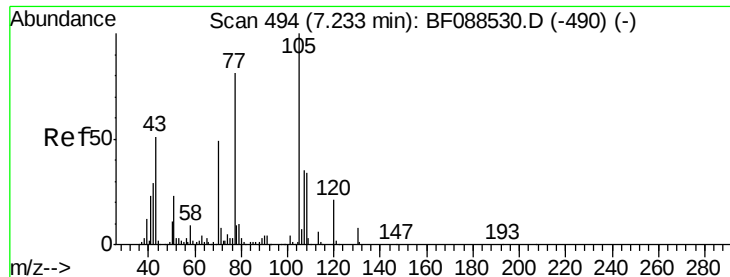


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

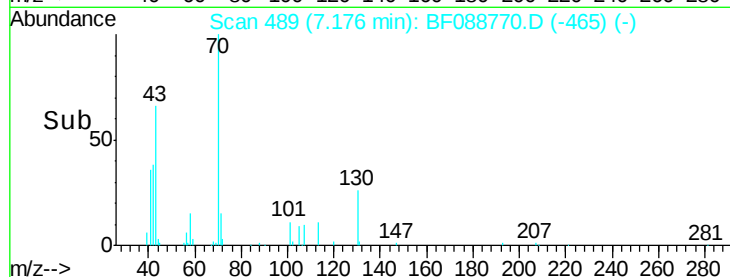
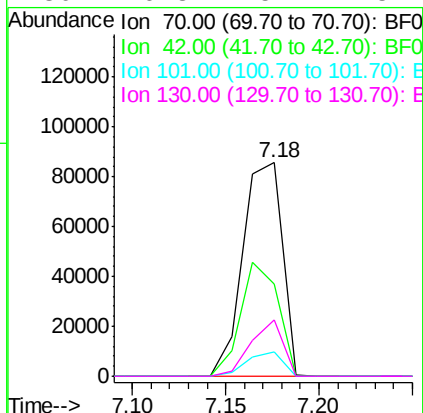
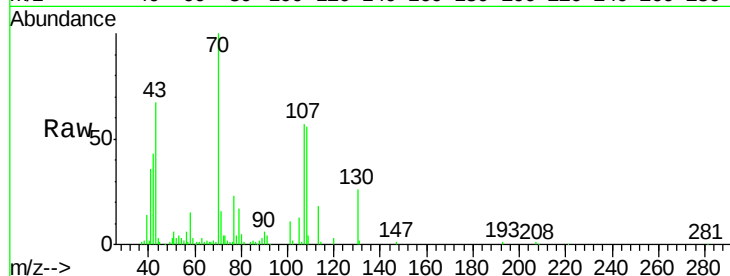




#19
n-Nitroso-di-n-propylamine
Concen: 24.00 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

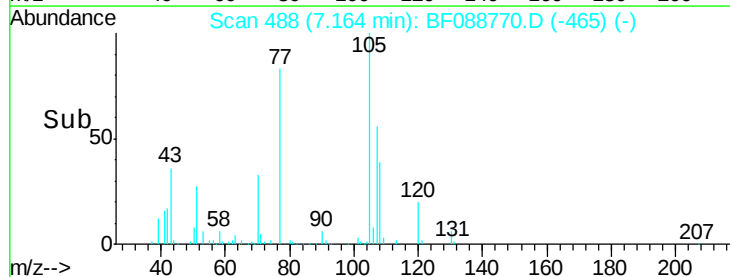
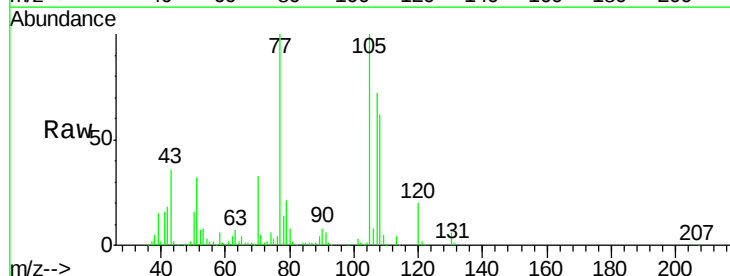
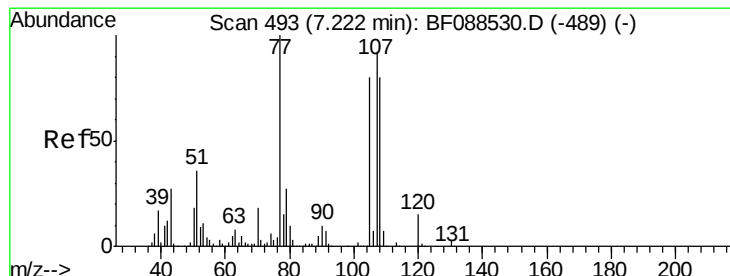
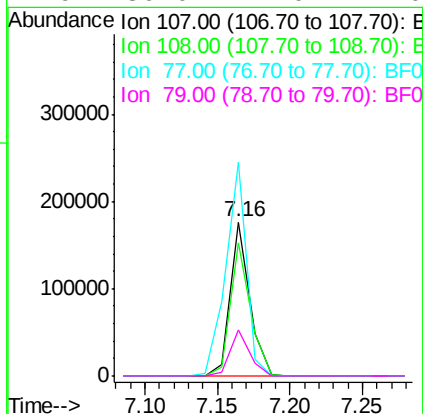
Instrument :
BNA_F
ClientSampleId :

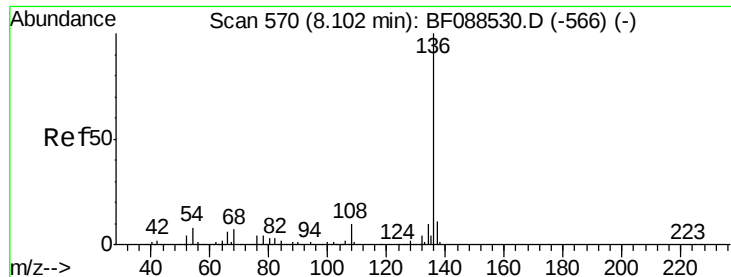
Tot Ion: 70 Resp: 125729
Ion Ratio Lower Upper
70 100
42 43.0 49.6 74.4#
101 11.5 7.1 10.7#
130 26.3 15.4 23.2#



#20
3+4-Methylphenols
Concen: 25.85 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:107 Resp: 164168
Ion Ratio Lower Upper
107 100
108 86.4 67.8 107.8
77 138.9 59.3 99.3#
79 30.0 7.0 47.0

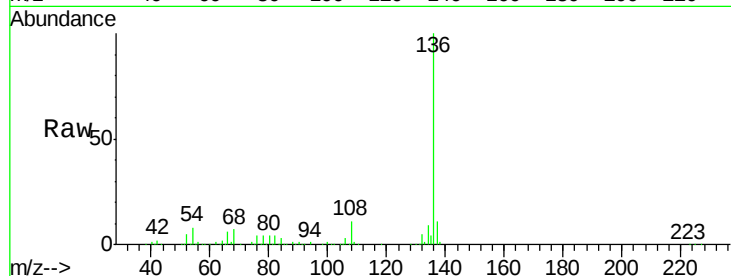




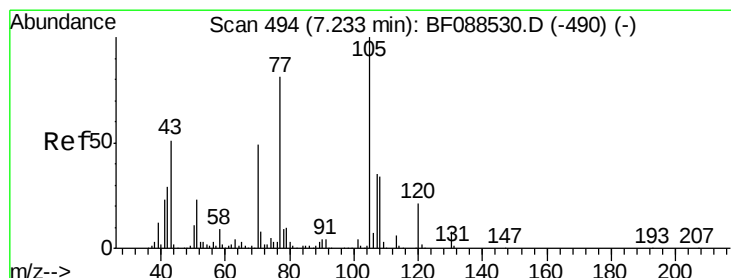
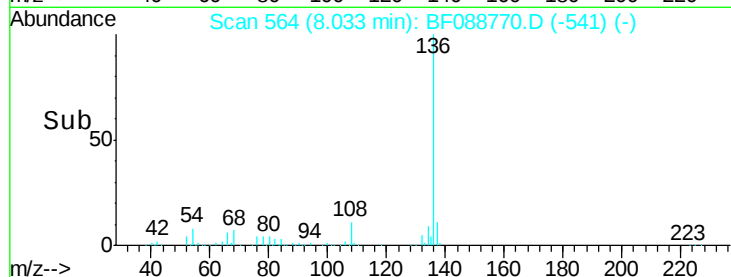
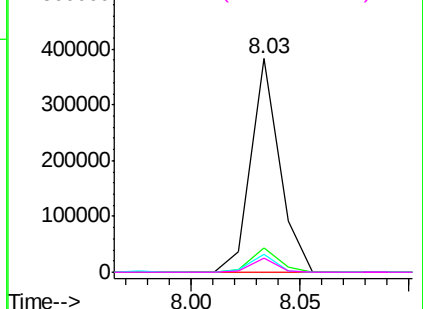
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	349915
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.4	6.6	10.0
68	6.7	5.1	7.7

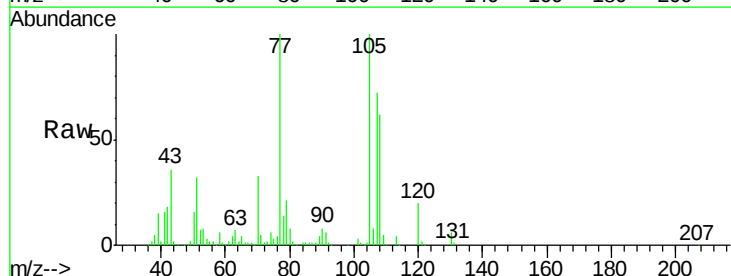


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

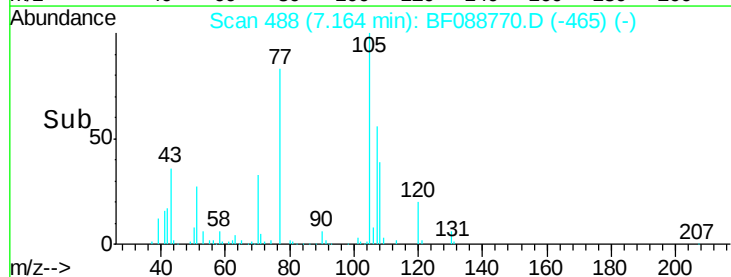
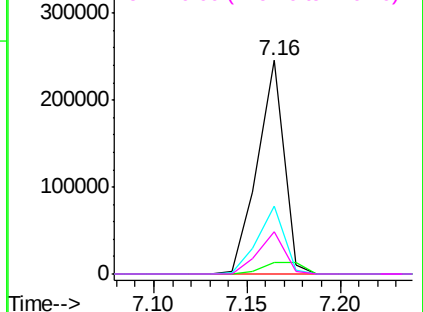


#22
Acetophenone
Concen: 28.64 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:	105	Resp:	243232
Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.3	7.9
51	31.8	18.2	27.4#
120	19.9	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

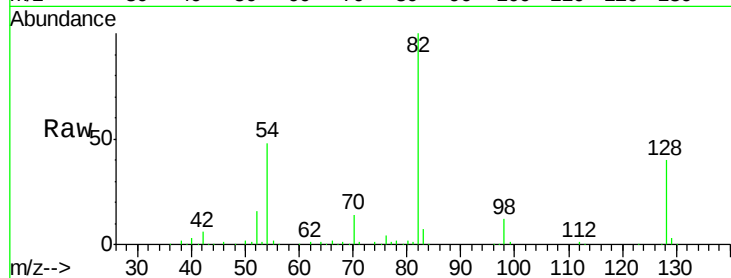




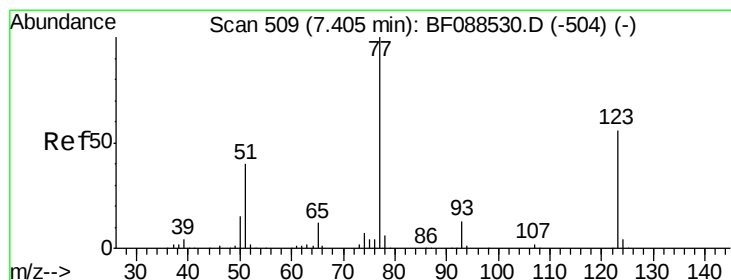
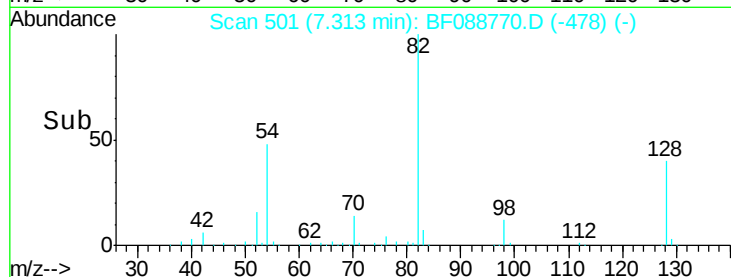
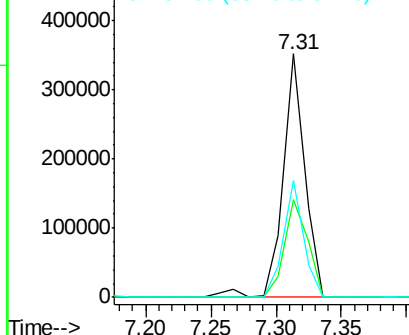
#23
 Nitrobenzene-d5
 Concen: 60.70 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	405296
Ion Ratio	100	Lower	Upper
128	40.1	35.9	53.9
54	48.1	40.9	61.3

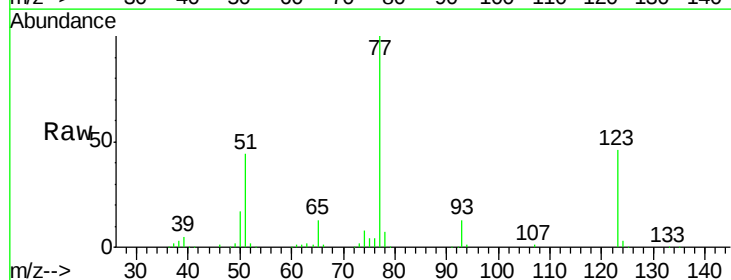


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

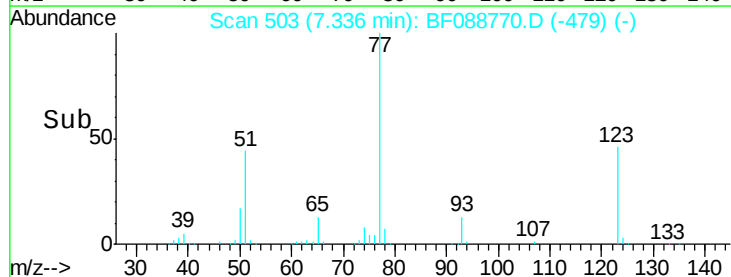
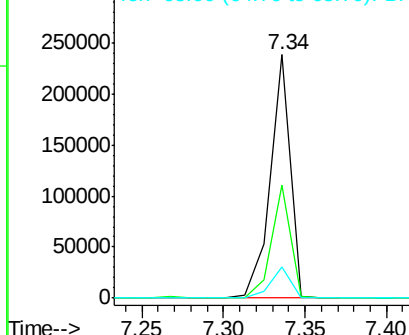


#24
 Nitrobenzene
 Concen: 30.29 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion	77	Resp	203909
Ion Ratio	100	Lower	Upper
123	46.4	45.0	67.4
65	12.7	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: 26.97 ng

RT: 7.58 min Scan# 524

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

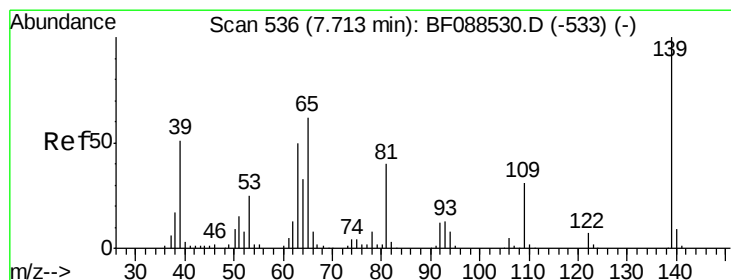
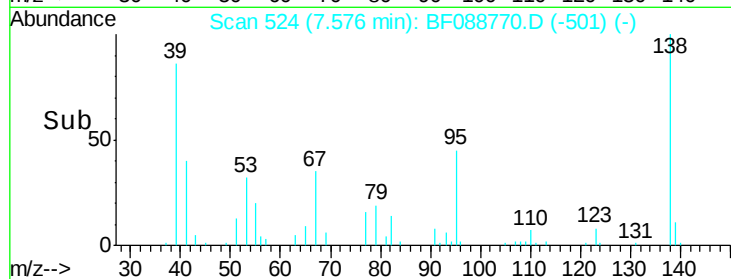
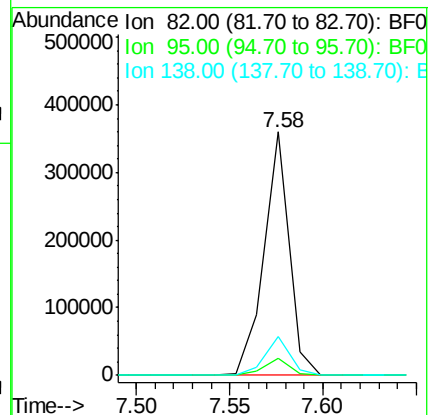
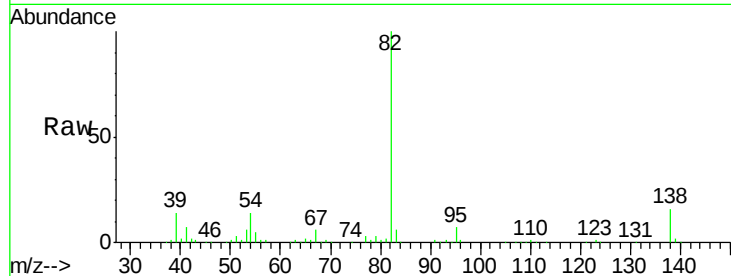
Tot Ion: 82 Resp: 333554

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

138 16.2 14.6 21.8



#26

2-Nitrophenol

Concen: 30.86 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

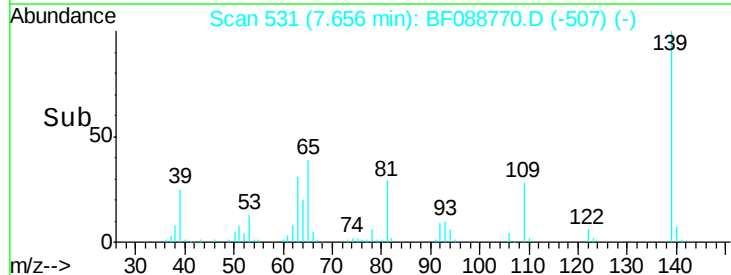
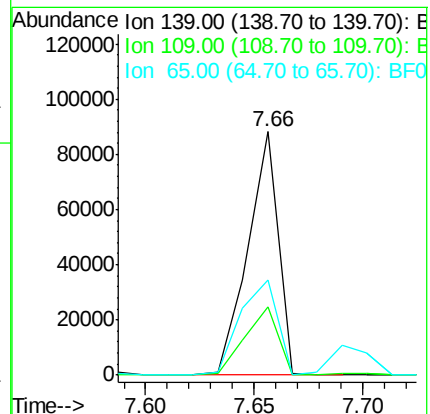
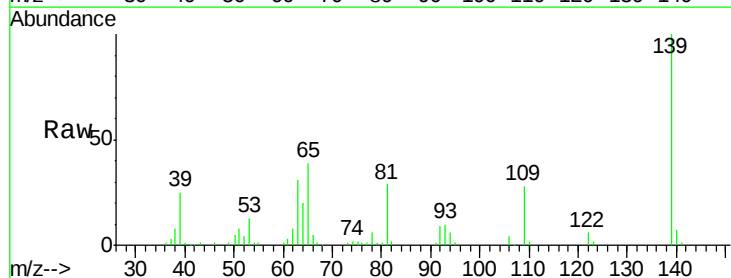
Tgt Ion: 139 Resp: 85202

Ion Ratio Lower Upper

139 100

109 28.1 23.0 34.4

65 39.1 45.8 68.8#

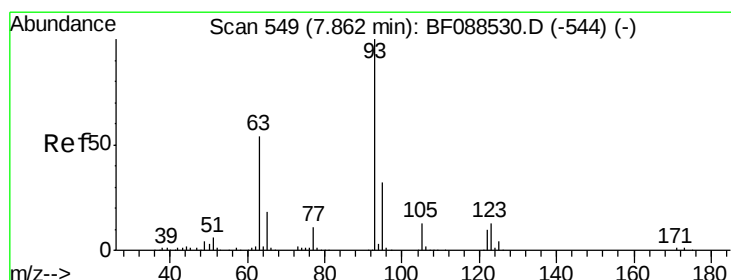
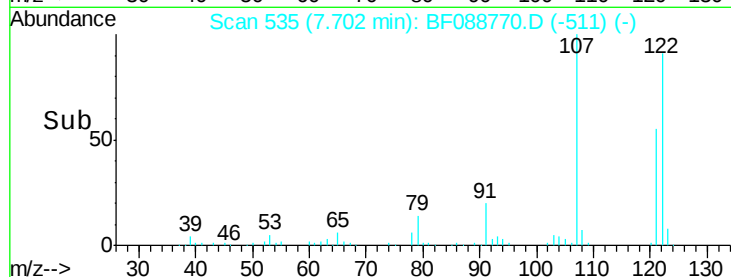
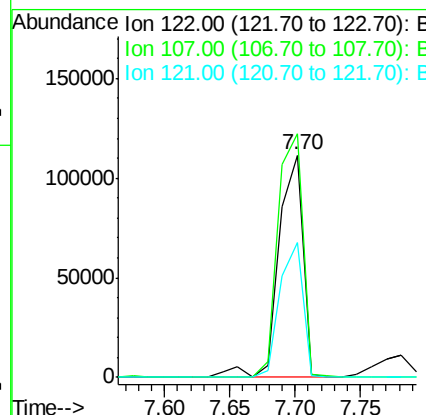
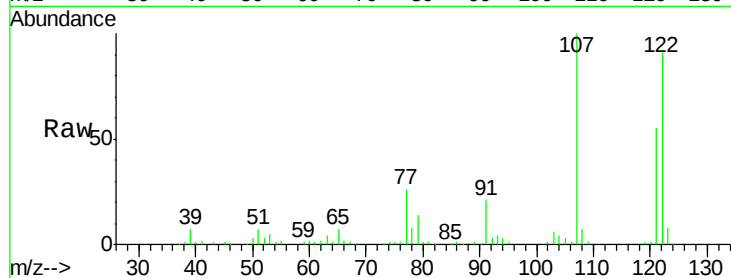




#27
 2,4-Dimethylphenol
 Concen: 25.48 ng
 RT: 7.70 min Scan# 535
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

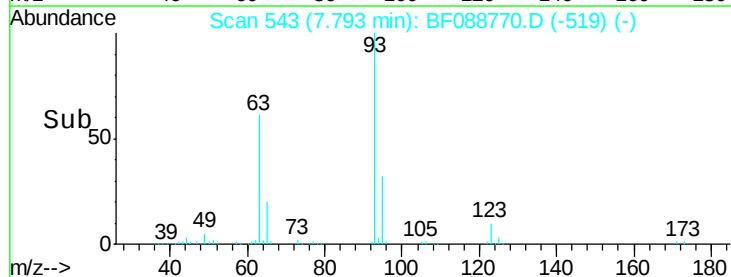
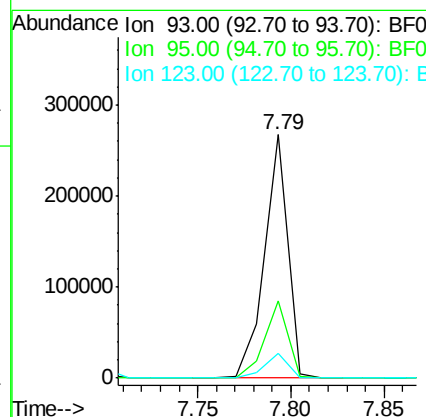
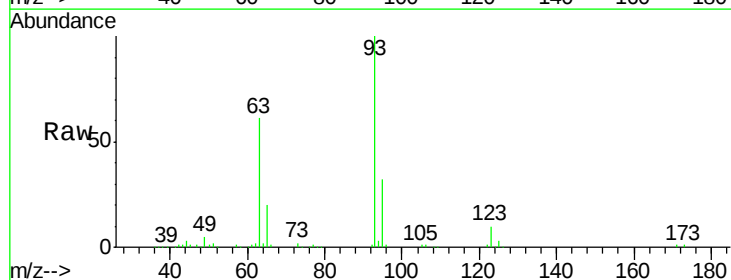
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 146507
 Ion Ratio Lower Upper
 122 100
 107 109.5 82.4 123.6
 121 60.6 46.3 69.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.51 ng
 RT: 7.79 min Scan# 543
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion: 93 Resp: 229465
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.5 39.7
 123 10.0 11.6 17.4#

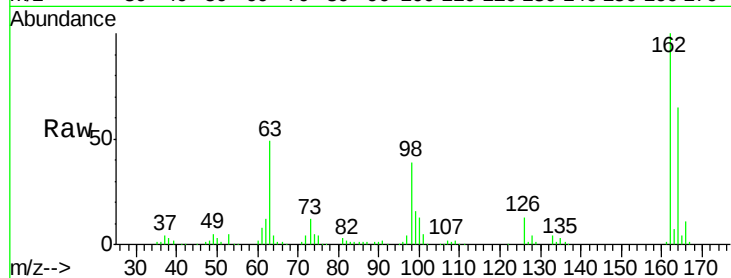




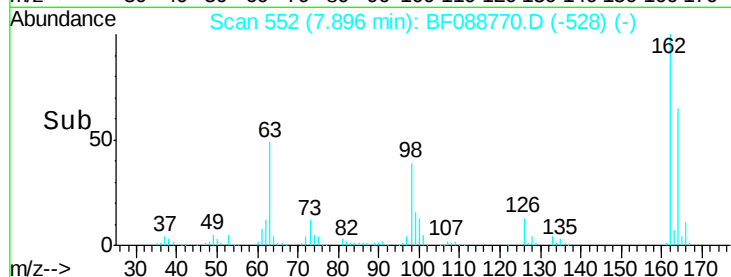
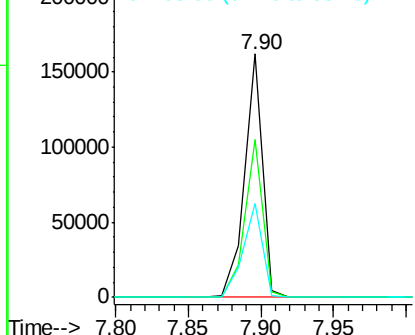
#29
 2,4-Dichlorophenol
 Concen: 29.96 ng
 RT: 7.90 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 139214
 Ion Ratio Lower Upper
 162 100
 164 65.1 43.8 83.8
 98 38.5 21.3 61.3

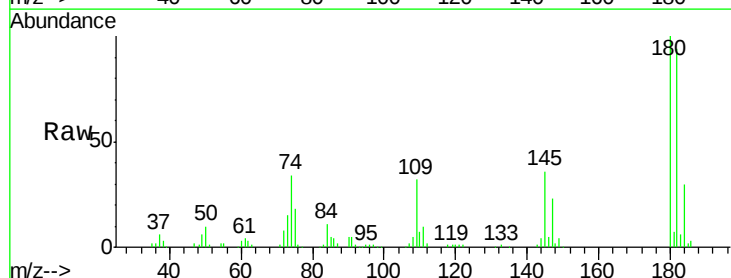


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

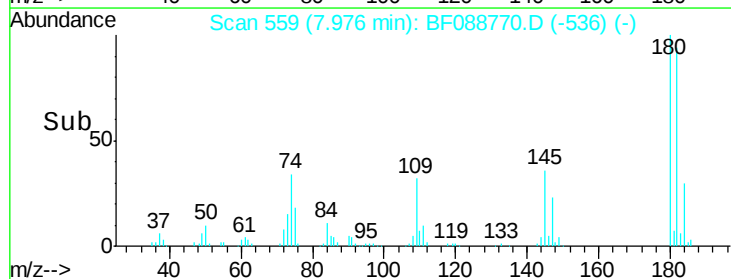
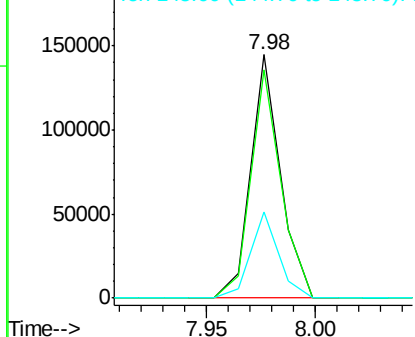


#30
 1,2,4-Trichlorobenzene
 Concen: 26.86 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion:180 Resp: 136980
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.0 114.0
 145 35.5 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

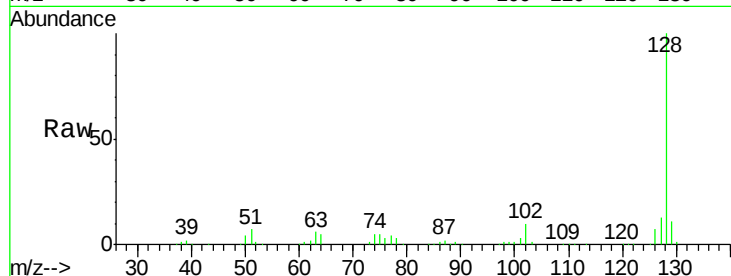




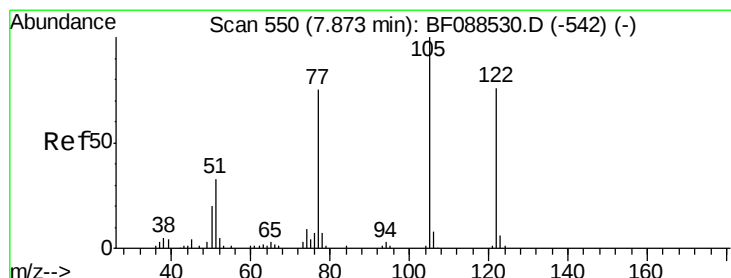
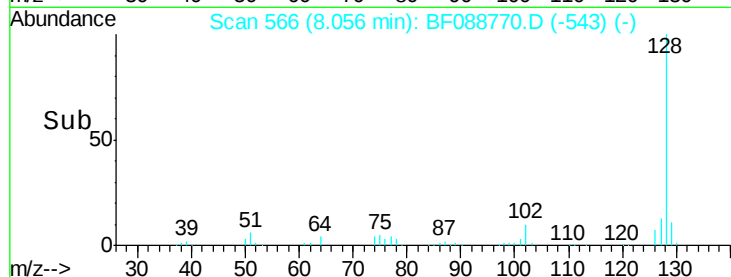
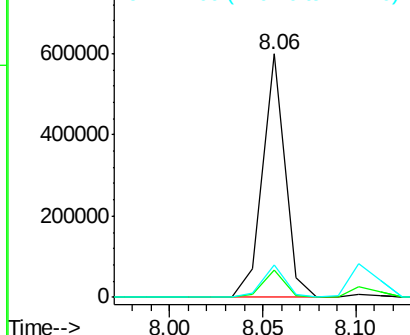
#31
Naphthalene
Concen: 28.60 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 493325
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.4 10.9 16.3

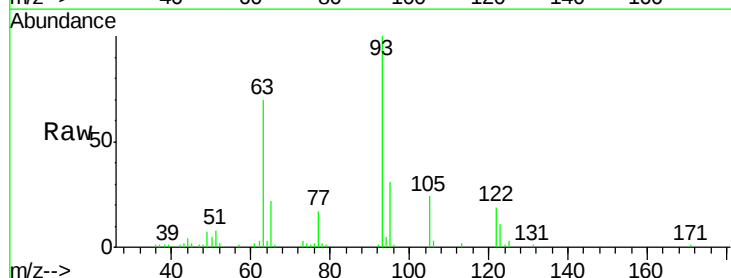


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

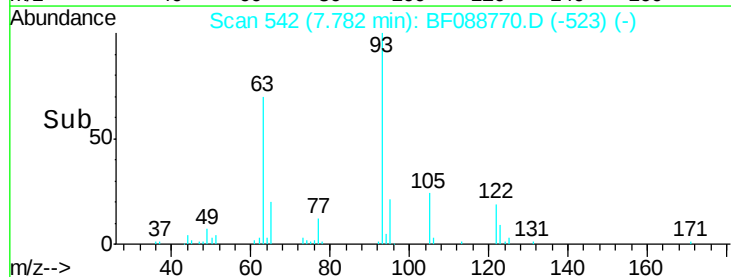
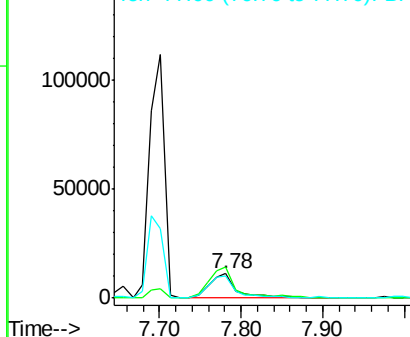


#32
Benzoic acid
Concen: 6.27 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.08 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:122 Resp: 26196
Ion Ratio Lower Upper
122 100
105 127.6 101.6 141.6
77 89.9 70.6 110.6



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

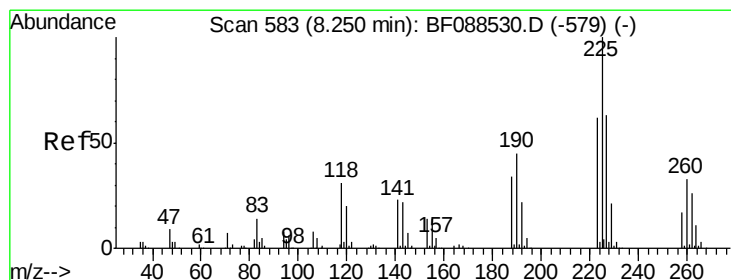
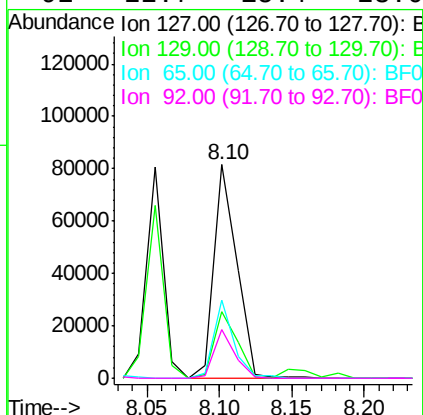
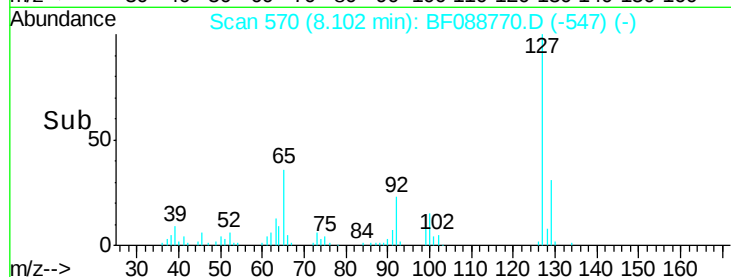
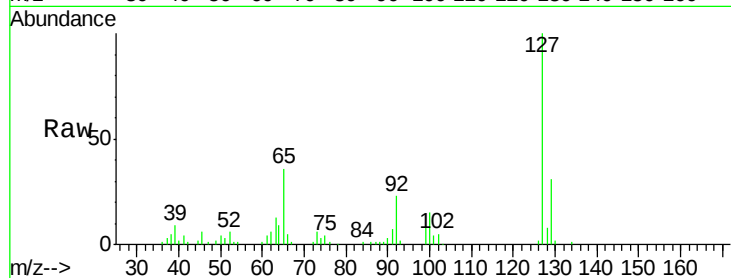




#33
4-Chloroaniline
Concen: 11.66 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

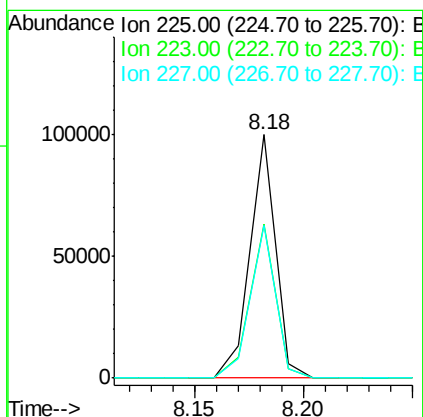
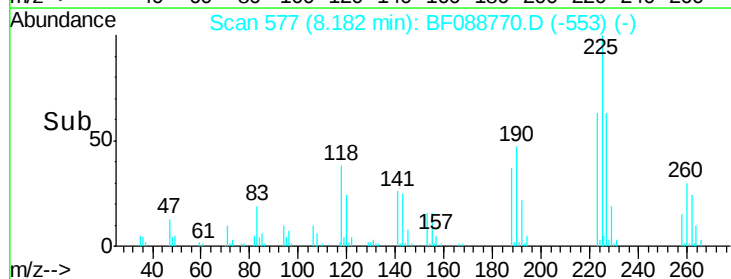
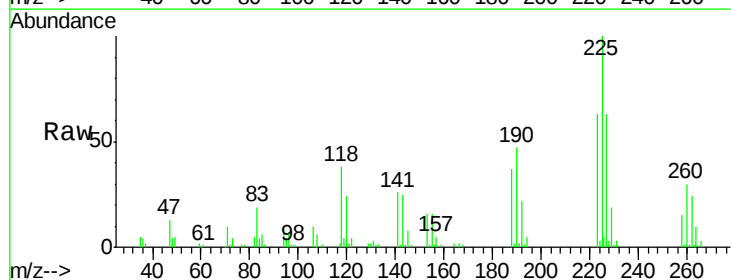
Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	89470
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.3	39.5
65	36.5	24.7	37.1
92	22.7	15.4	23.0



#34
Hexachlorobutadiene
Concen: 29.95 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:	225	Resp:	81787
Ion	Ratio	Lower	Upper
225	100		
223	63.1	50.9	76.3
227	62.6	51.9	77.9





#35

Caprolactam

Concen: 26.21 ng

RT: 8.47 min Scan# 602

Delta R.T. -0.05 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

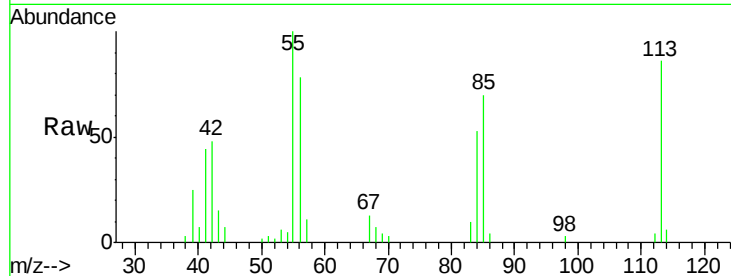
Tot Ion:113 Resp: 41363

Ion Ratio Lower Upper

113 100

55 116.3 158.6 198.6#

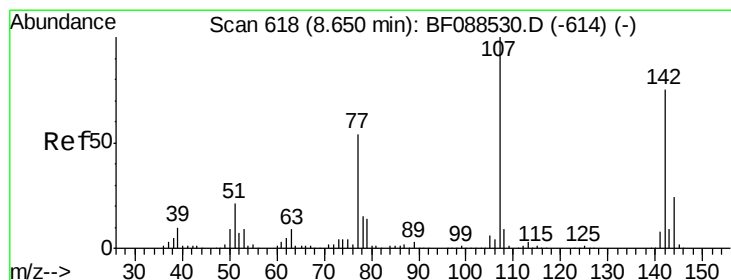
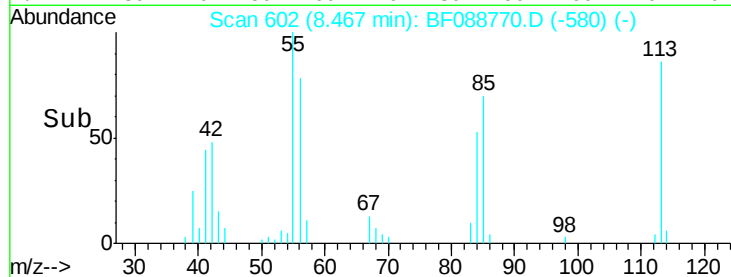
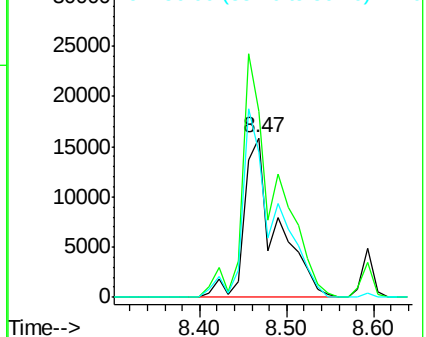
56 91.0 110.6 150.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 26.24 ng

RT: 8.59 min Scan# 613

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

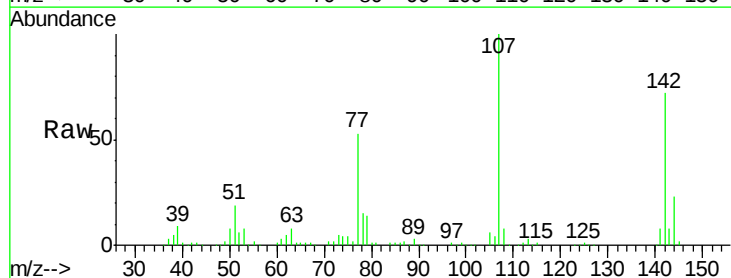
Tgt Ion:107 Resp: 144198

Ion Ratio Lower Upper

107 100

144 23.2 20.8 31.2

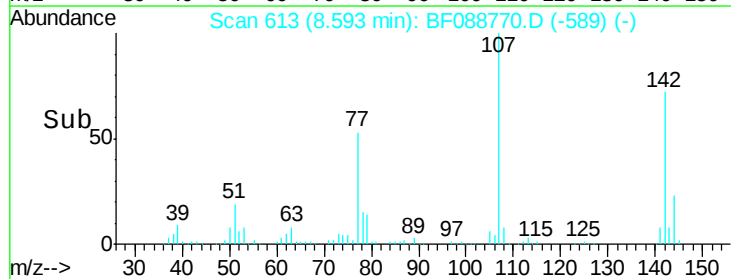
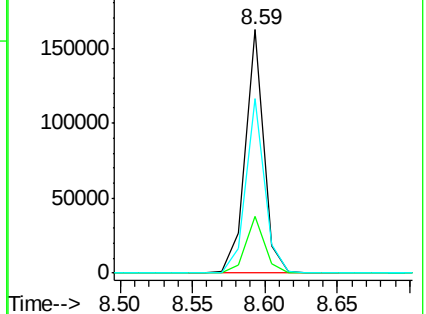
142 71.9 63.4 95.2

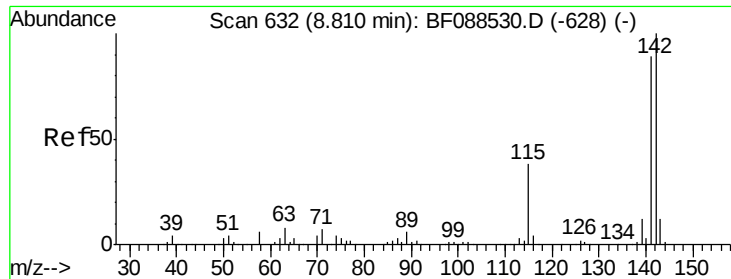


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

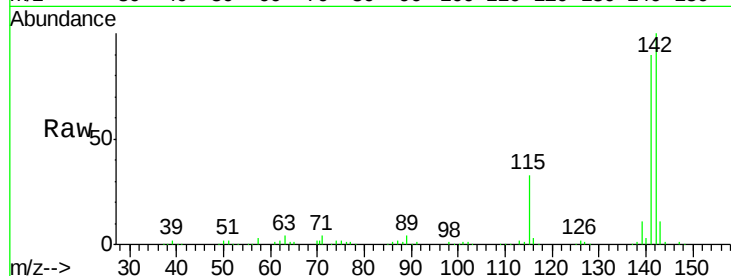




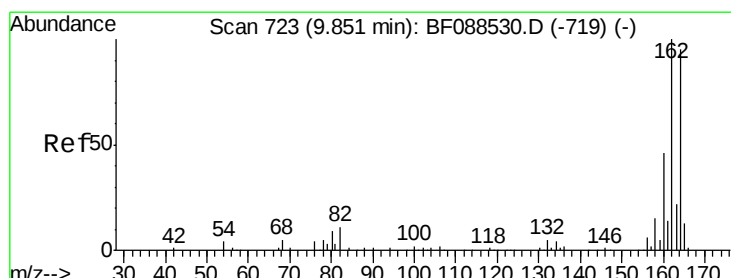
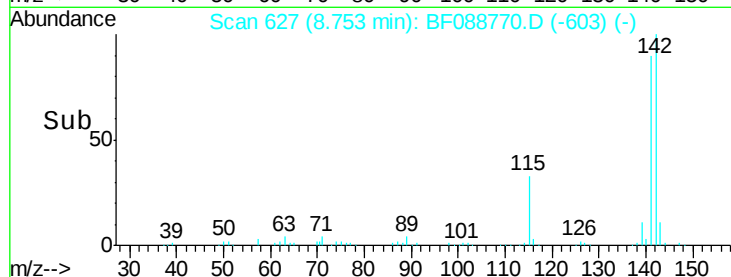
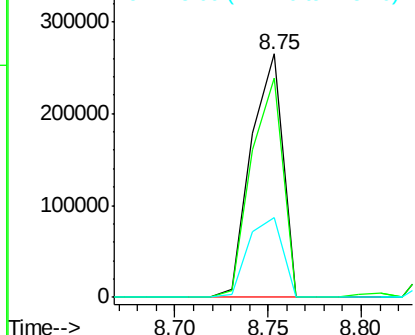
#37
2-Methylnaphthalene
Concen: 27.97 ng
RT: 8.75 min Scan# 627
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 310662
Ion Ratio Lower Upper
142 100
141 89.8 71.0 106.6
115 32.6 22.6 33.8

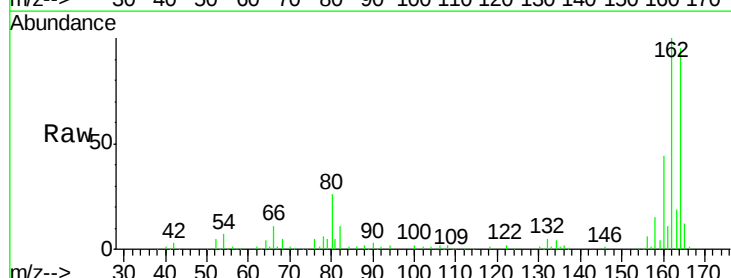


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

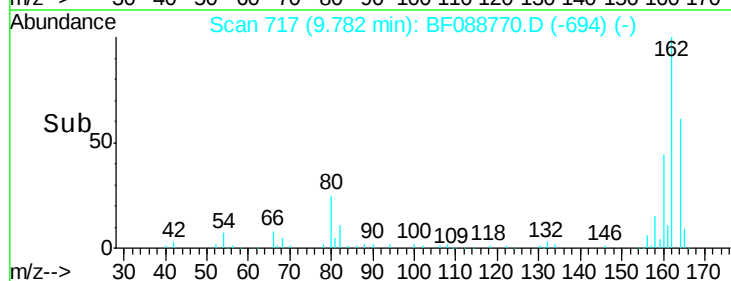
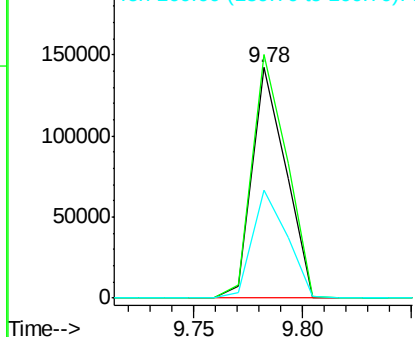


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:164 Resp: 153283
Ion Ratio Lower Upper
164 100
162 105.6 85.4 128.2
160 46.6 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: 23.82 ng

RT: 8.91 min Scan# 641

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 121458

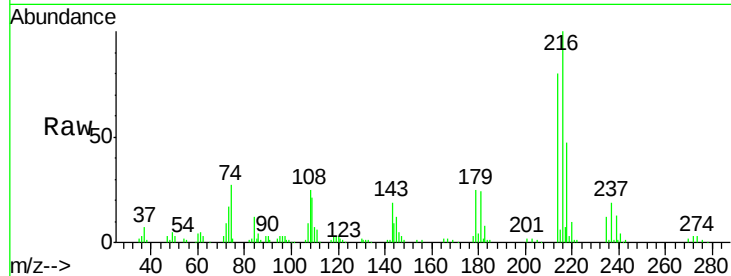
Ion Ratio Lower Upper

216 100

214 79.3 2.9 4.3#

179 23.7 0.0 0.0#

108 24.5 0.5 0.7#

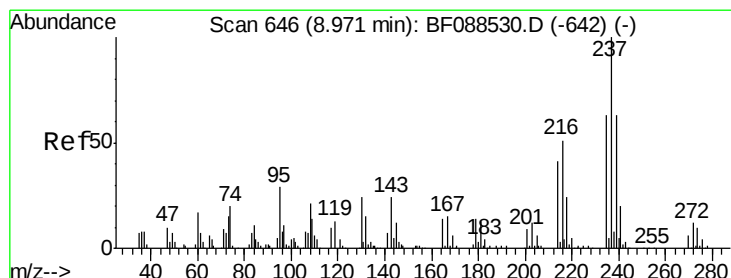
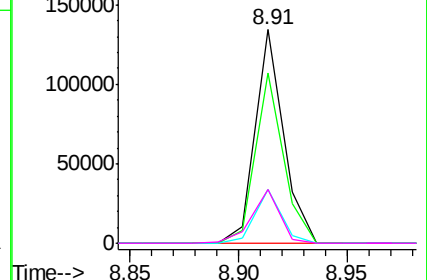
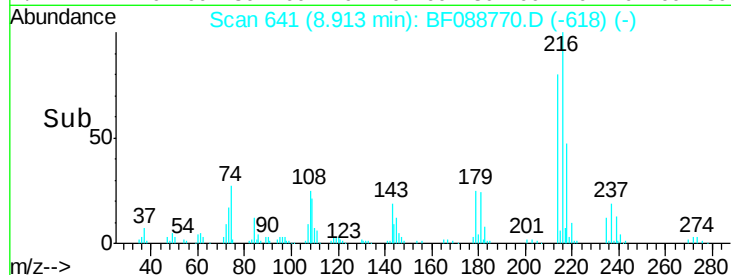


Abundance Ion 216.00 (215.70 to 216.70): E

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: 24.73 ng

RT: 8.90 min Scan# 640

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

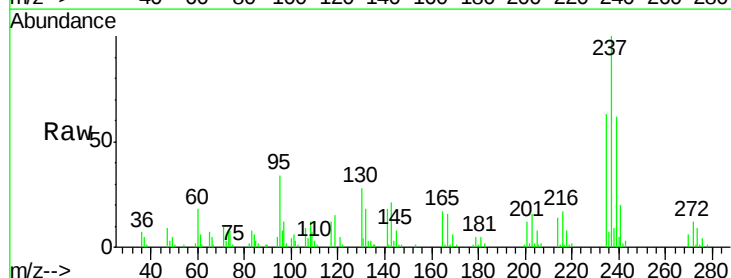
Tgt Ion:237 Resp: 61890

Ion Ratio Lower Upper

237 100

235 63.1 43.4 83.4

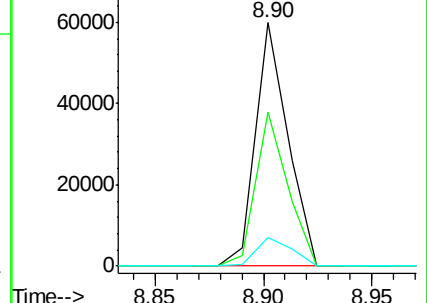
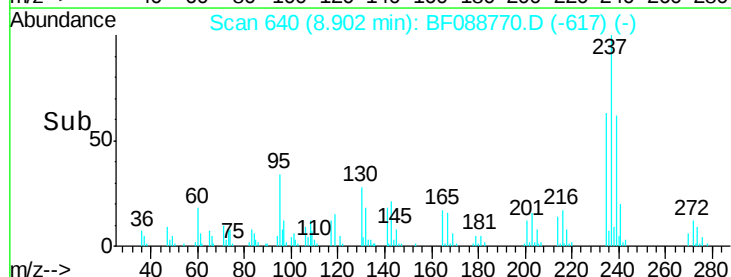
272 11.7 0.0 32.3

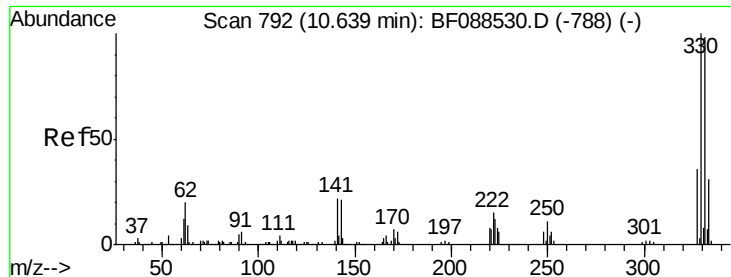


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

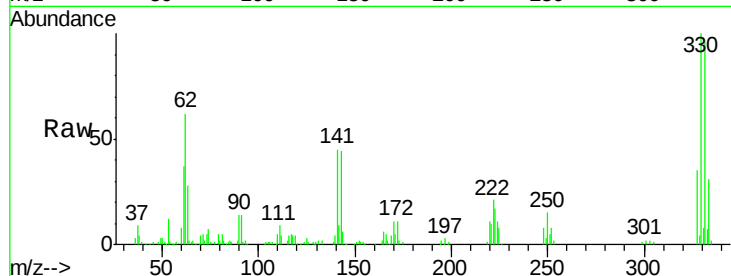




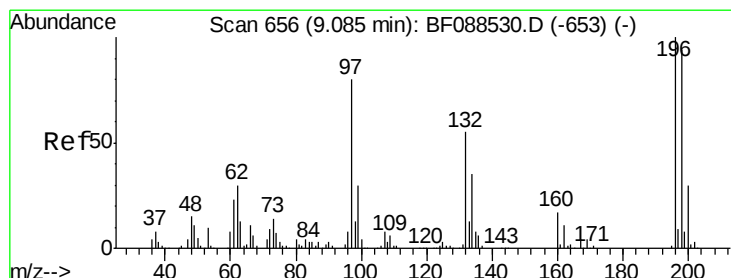
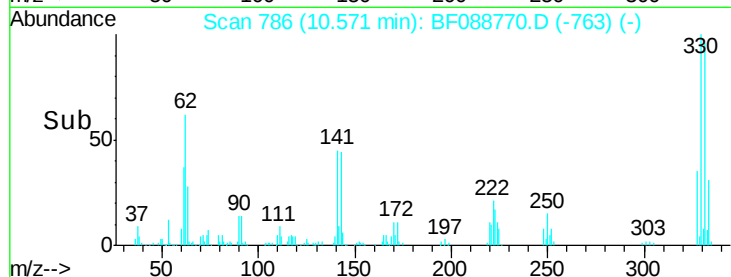
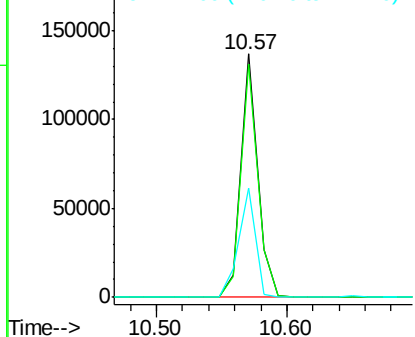
#41
 2,4,6-Tribromophenol
 Concen: 85.85 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	45.0	0.0	0.0#

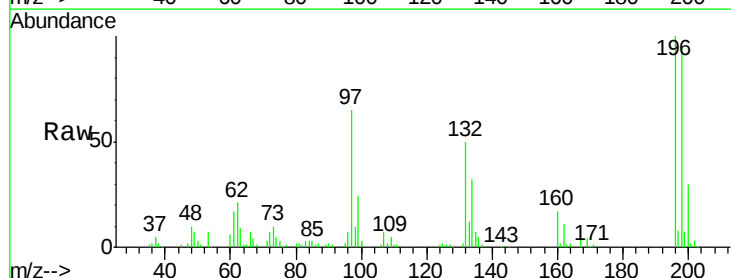


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

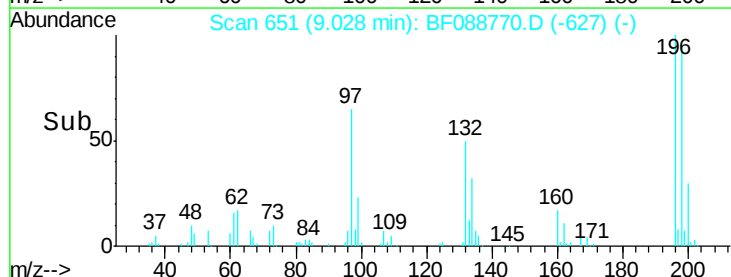
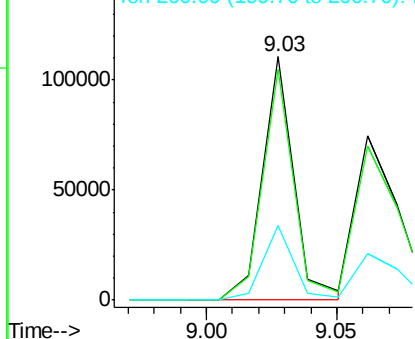


#42
 2,4,6-Trichlorophenol
 Concen: 27.60 ng
 RT: 9.03 min Scan# 651
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	78.0	117.0
200	30.4	25.4	38.2



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

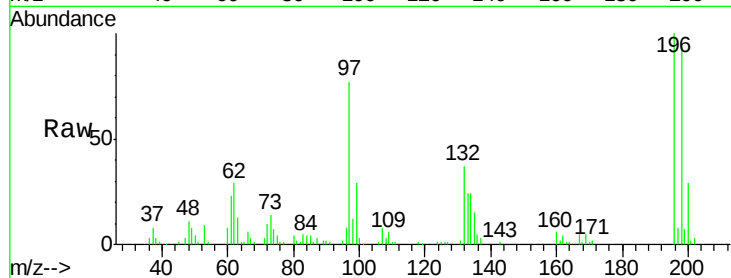




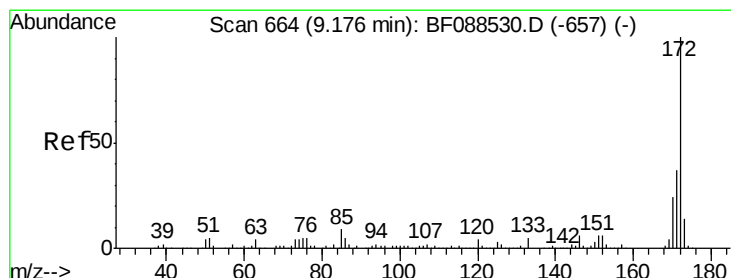
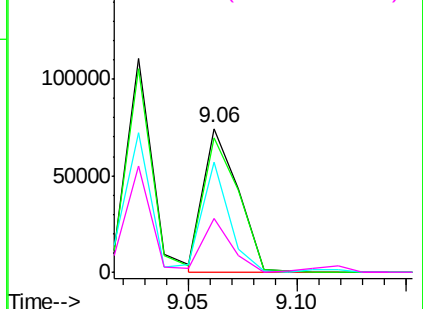
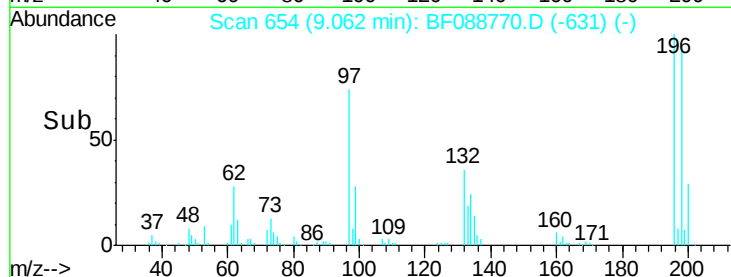
#43
 2,4,5-Trichlorophenol
 Concen: 28.26 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 81726
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.5 116.3
 97 76.7 32.0 48.0#
 132 37.4 20.9 31.3#

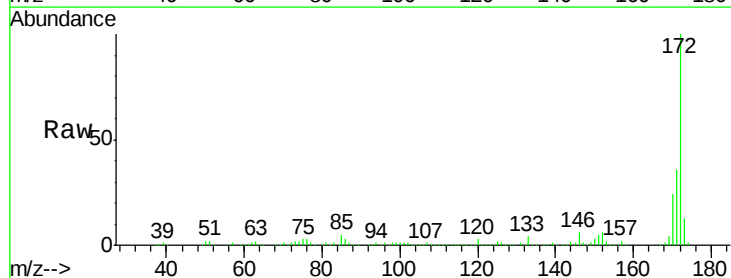


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

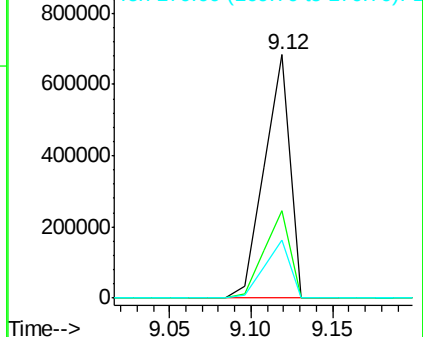
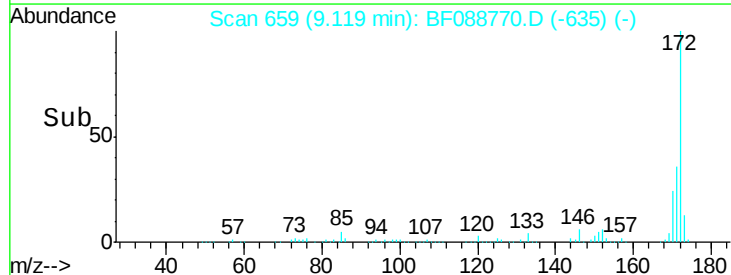


#44
 2-Fluorobiphenyl
 Concen: 76.95 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion:172 Resp: 746719
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.8 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: 27.40 ng

RT: 9.21 min Scan# 667

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

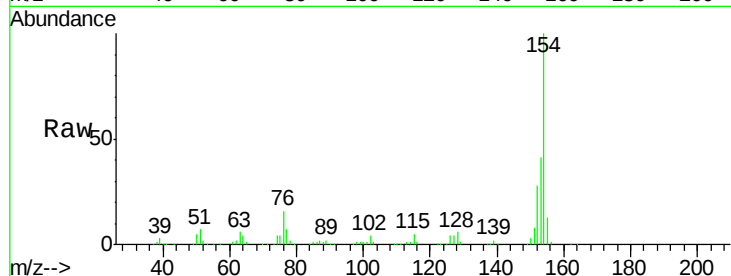
Tot Ion:154 Resp: 347825

Ion Ratio Lower Upper

154 100

153 41.1 20.6 60.6

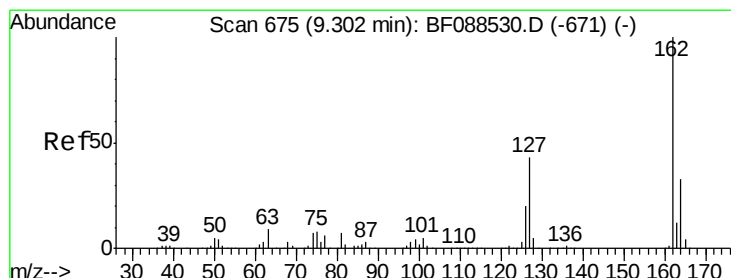
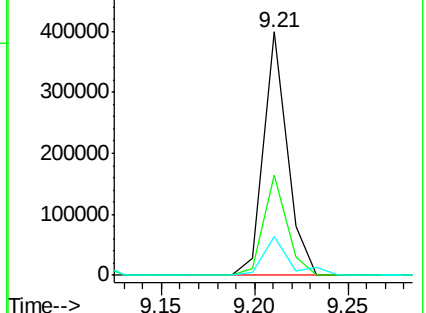
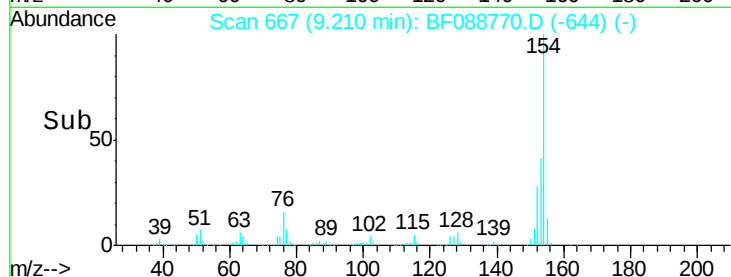
76 15.7 0.0 35.1



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: 27.28 ng

RT: 9.23 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

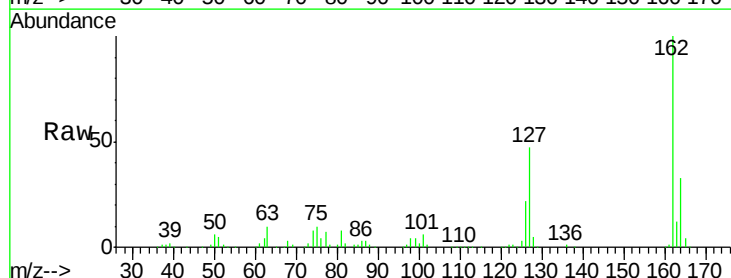
Tgt Ion:162 Resp: 271839

Ion Ratio Lower Upper

162 100

127 47.4 35.2 52.8

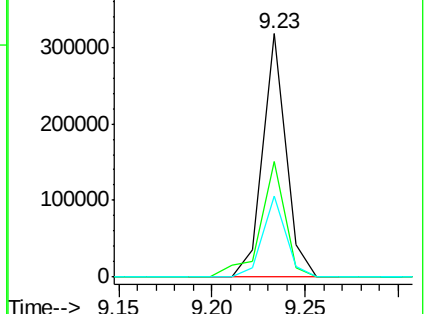
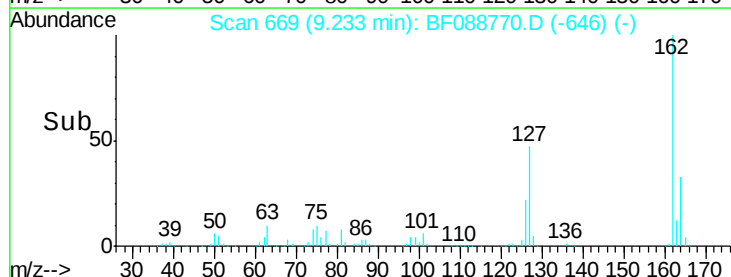
164 33.4 26.6 39.8

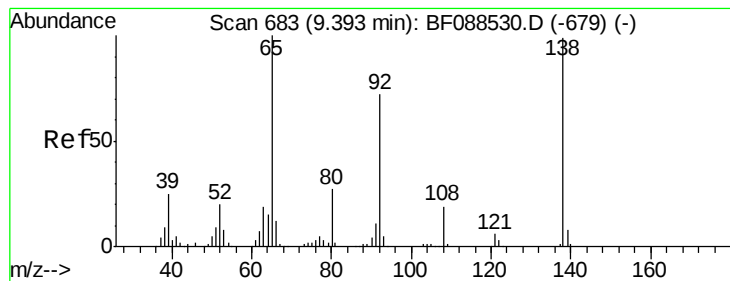


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

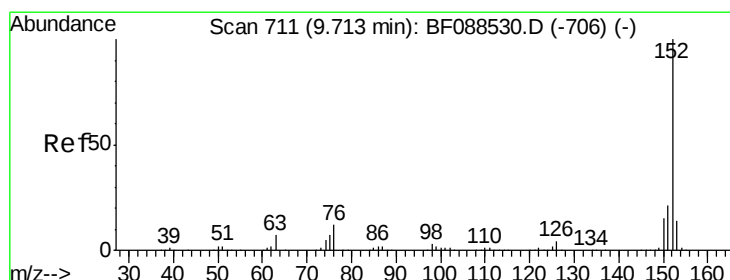
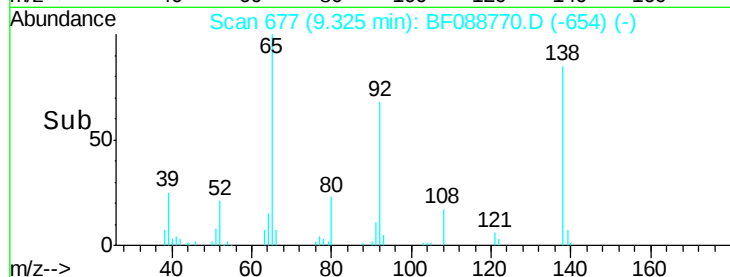
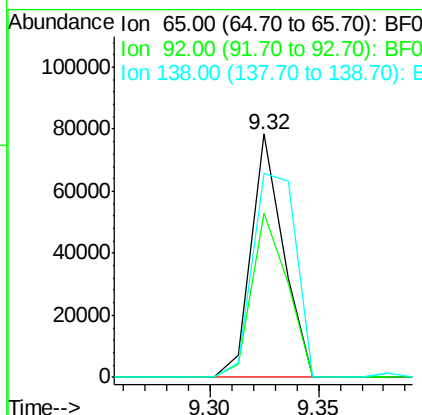
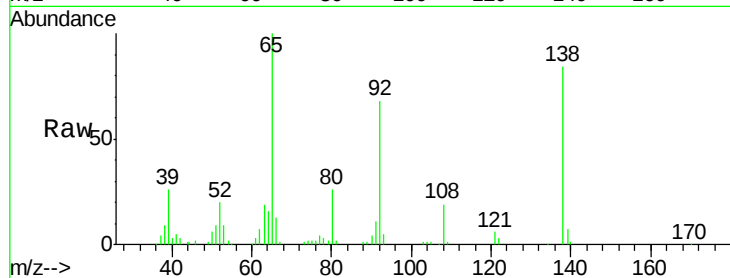




#47
 2-Nitroaniline
 Concen: 22.81 ng
 RT: 9.32 min Scan# 677
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

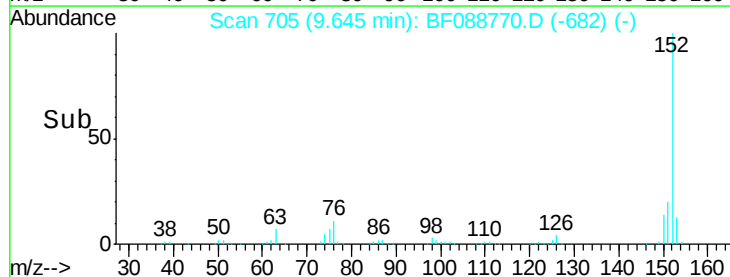
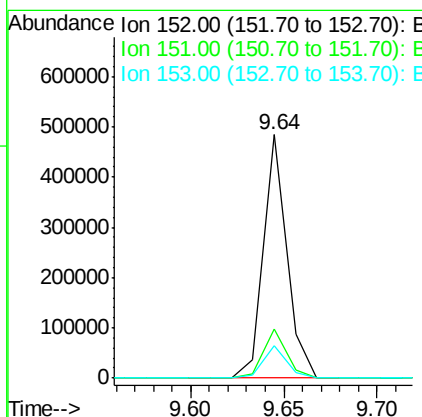
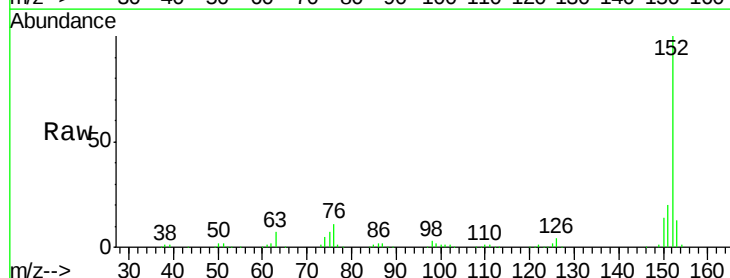
Instrument :
 BNA_F
 ClientSampled :

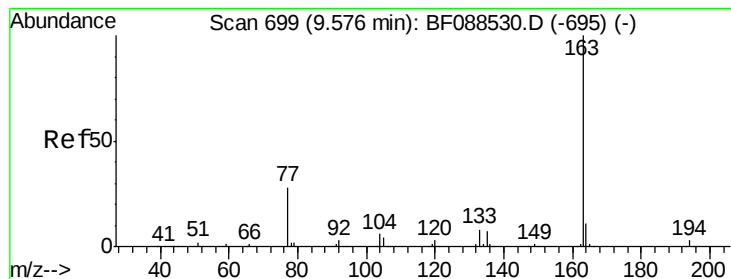
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.5	54.6	82.0
138	83.9	77.0	115.4



#48
 Acenaphthylene
 Concen: 26.38 ng
 RT: 9.64 min Scan# 705
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.5	11.0	16.6





#49

Dimethylphthalate

Concen: 41.97 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

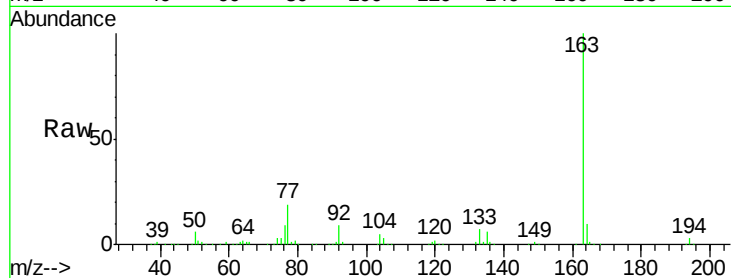
Tot Ion:163 Resp: 458301

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

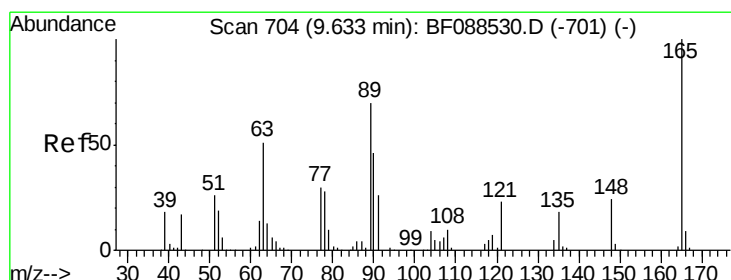
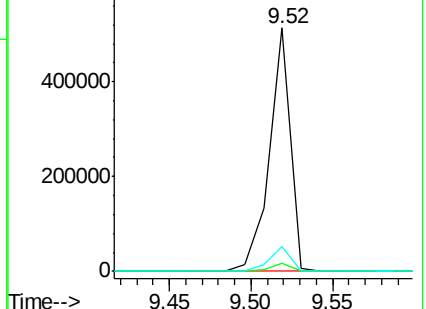
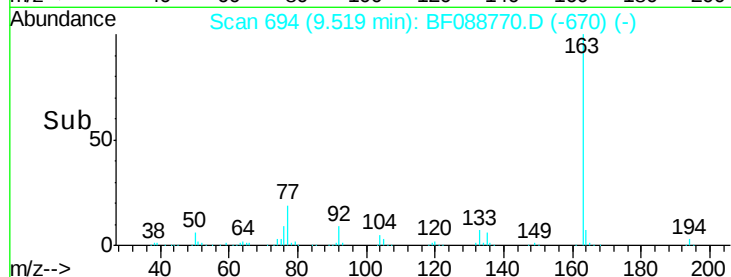
164 10.0 8.3 12.5



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: 32.24 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

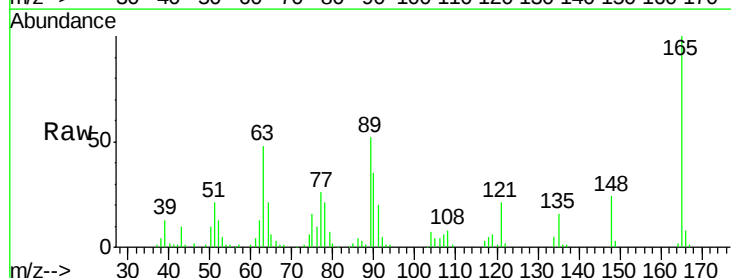
Tgt Ion:165 Resp: 78025

Ion Ratio Lower Upper

165 100

63 47.7 28.1 42.1#

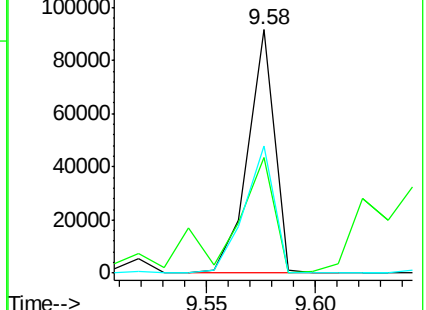
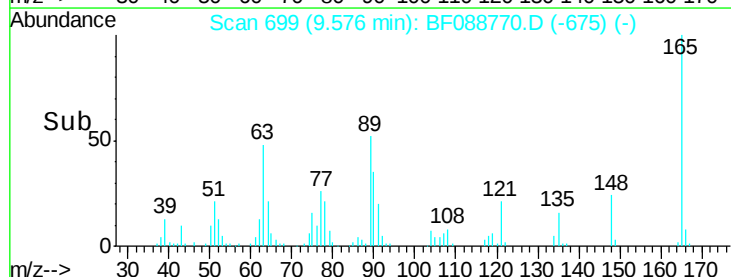
89 52.3 32.2 48.2#

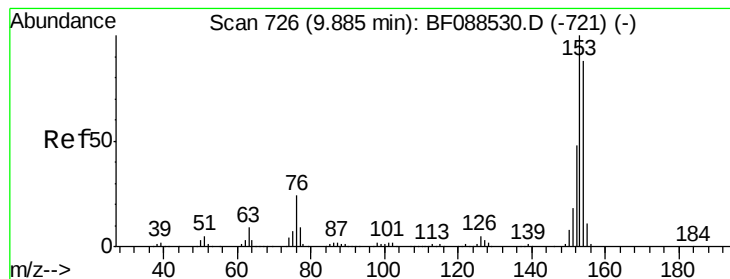


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 25.39 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

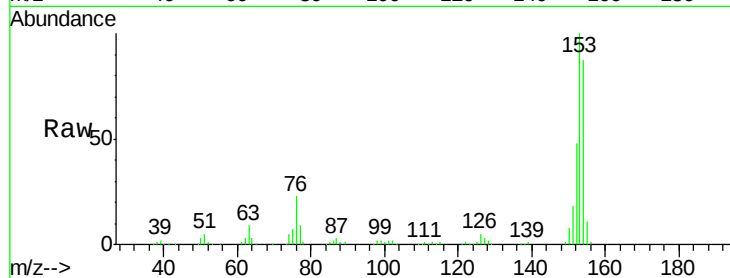
Tot Ion:154 Resp: 246774

Ion Ratio Lower Upper

154 100

153 114.4 89.5 134.3

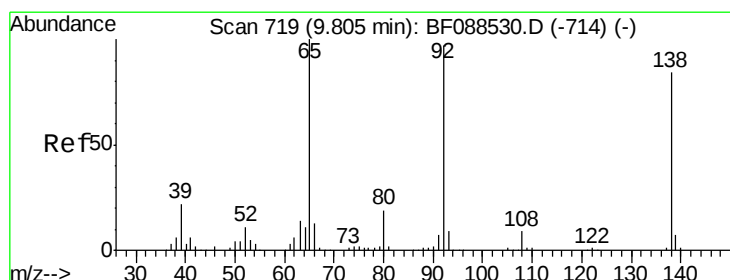
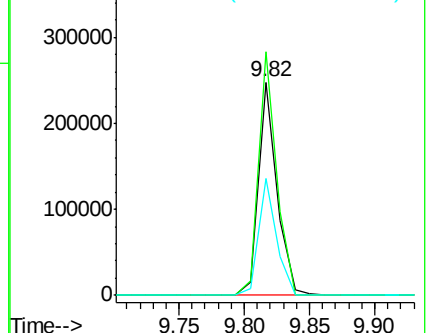
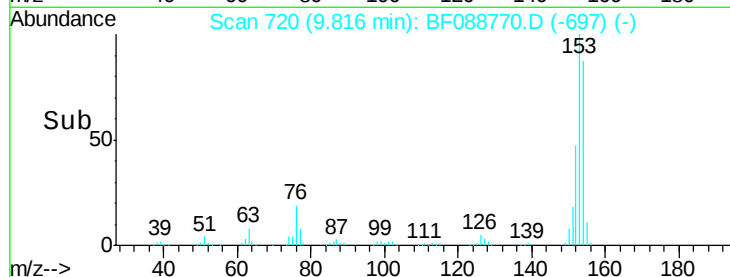
152 54.7 42.7 64.1



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: 18.79 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

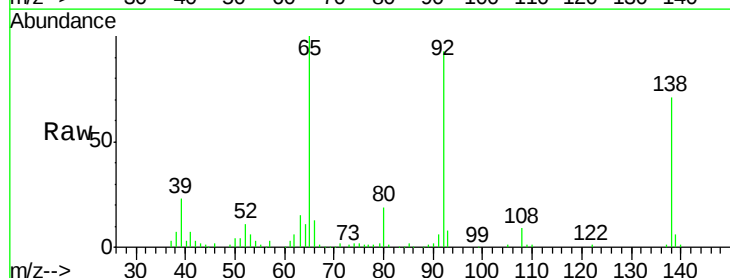
Tgt Ion:138 Resp: 57805

Ion Ratio Lower Upper

138 100

108 12.0 8.5 12.7

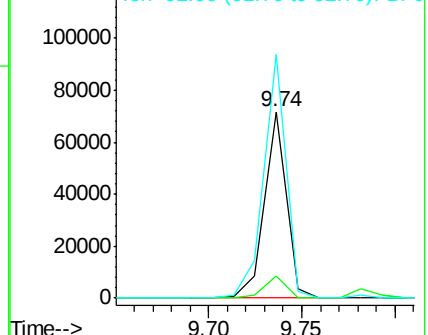
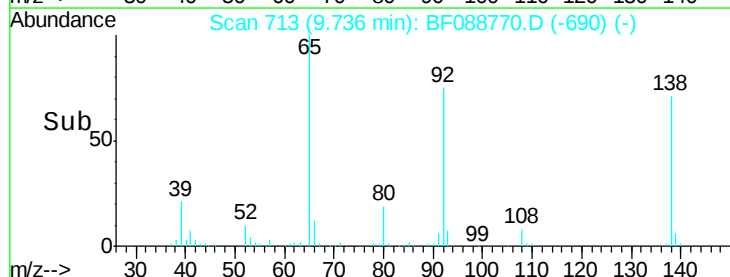
92 130.8 95.7 143.5

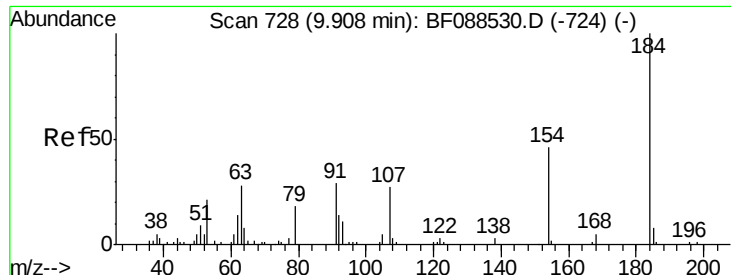


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

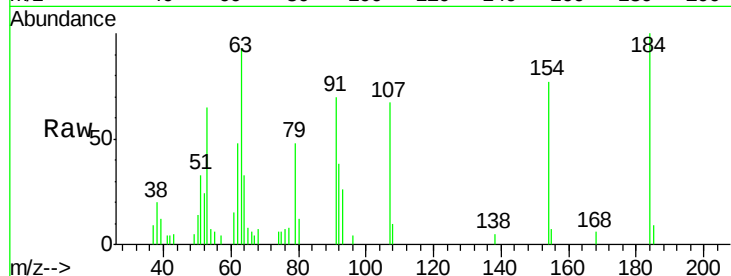




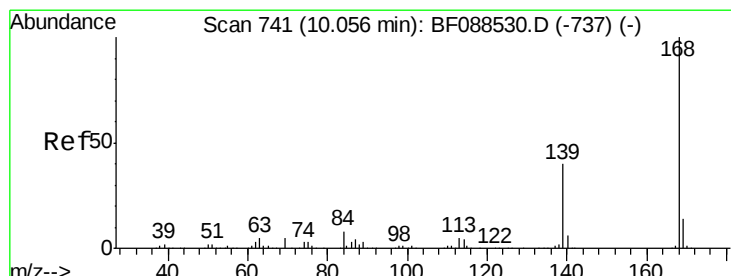
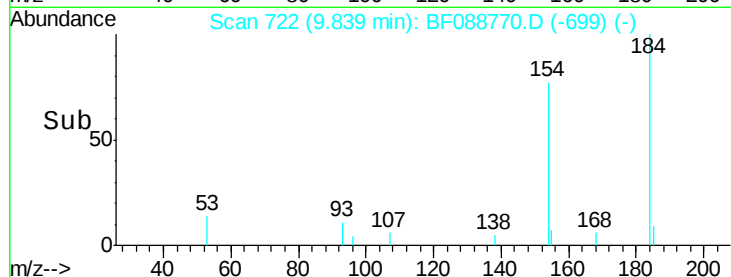
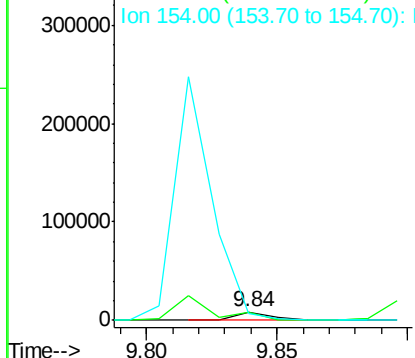
#53
2,4-Dinitrophenol
Concen: 7.24 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 7735
Ion Ratio Lower Upper
184 100
63 93.3 57.6 86.4#
154 76.5 53.5 80.3

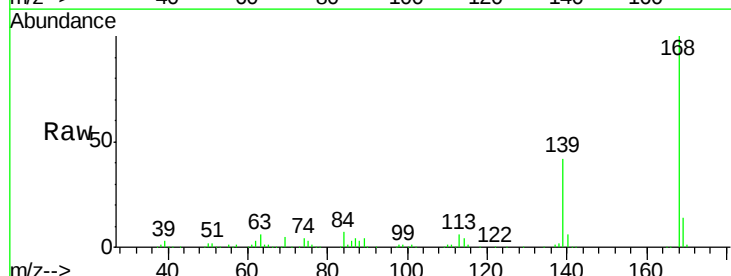


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

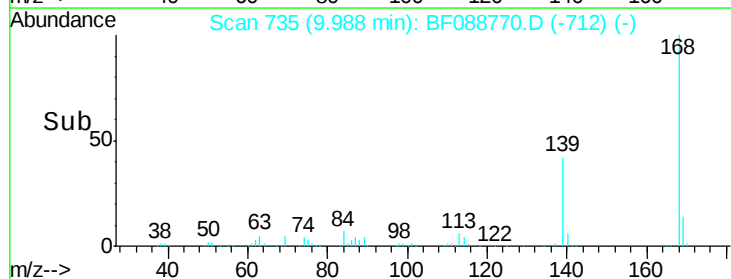
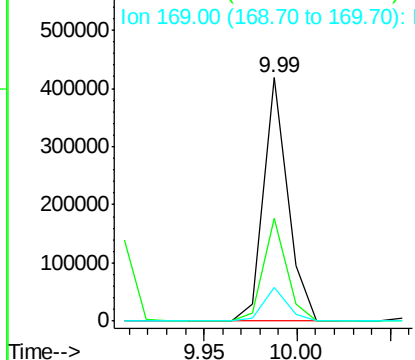


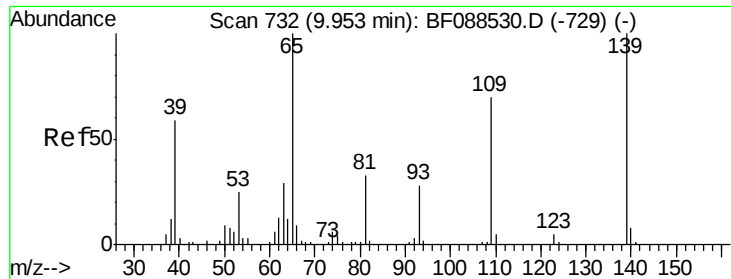
#54
Dibenzofuran
Concen: 29.34 ng
RT: 9.99 min Scan# 735
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:168 Resp: 373281
Ion Ratio Lower Upper
168 100
139 42.3 26.4 39.6#
169 13.7 10.4 15.6



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





#55

4-Nitrophenol

Concen: 60.15 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

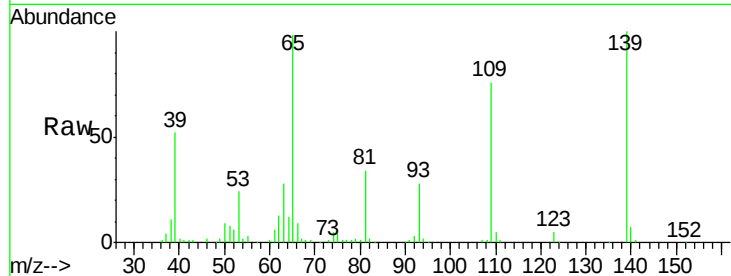
Tot Ion:139 Resp: 140632

Ion Ratio Lower Upper

139 100

109 75.7 48.9 88.9

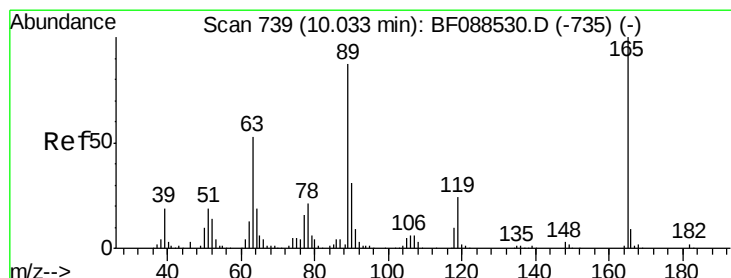
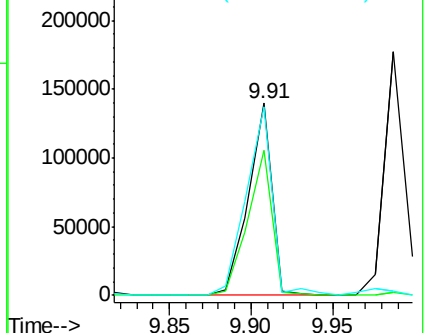
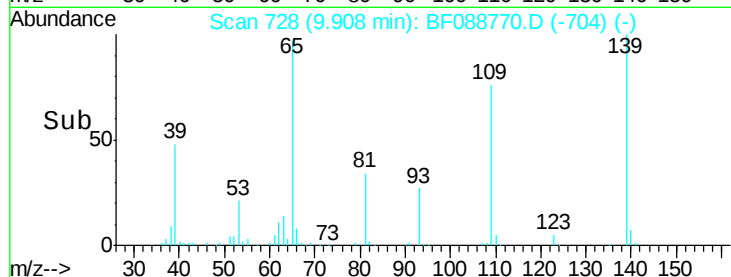
65 97.8 84.9 124.9



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: 31.66 ng

RT: 9.98 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Tgt Ion:165 Resp: 100184

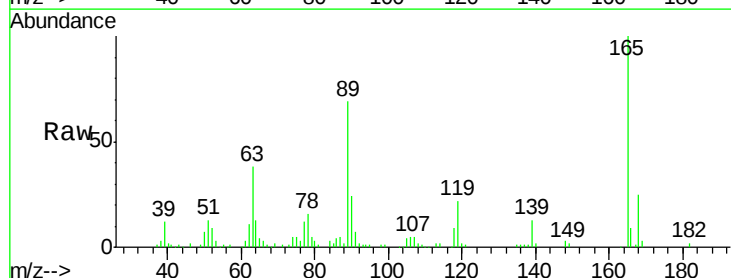
Ion Ratio Lower Upper

165 100

63 37.8 22.0 33.0#

89 69.3 41.1 61.7#

182 2.3 2.0 3.0

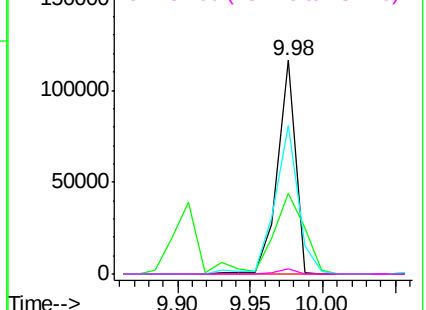
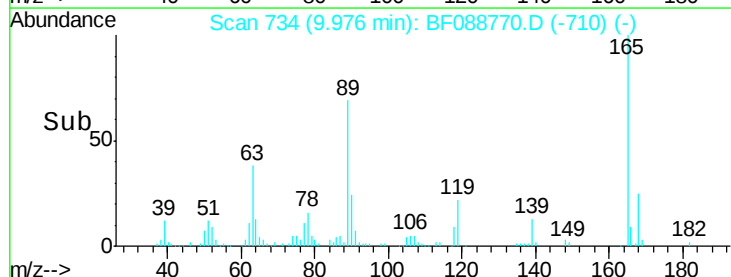


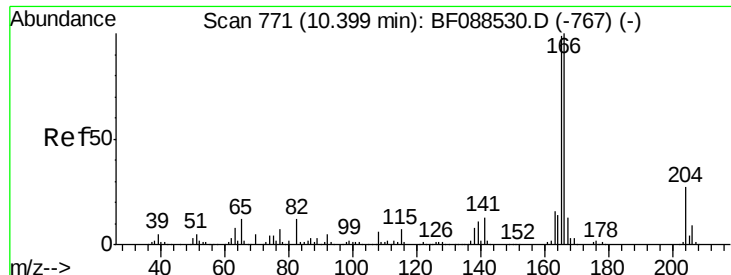
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

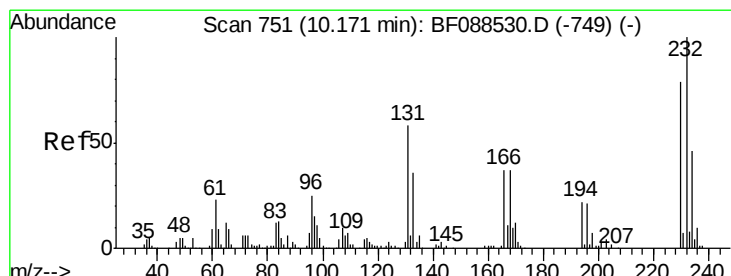
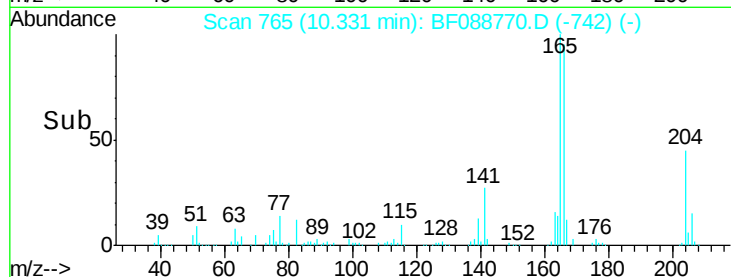
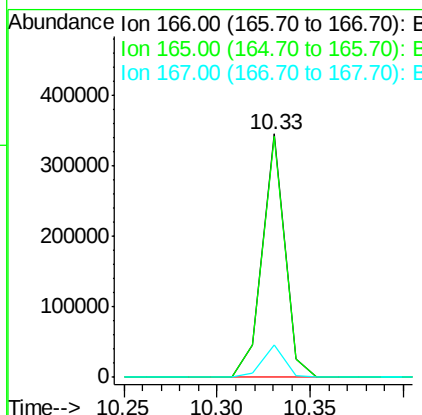
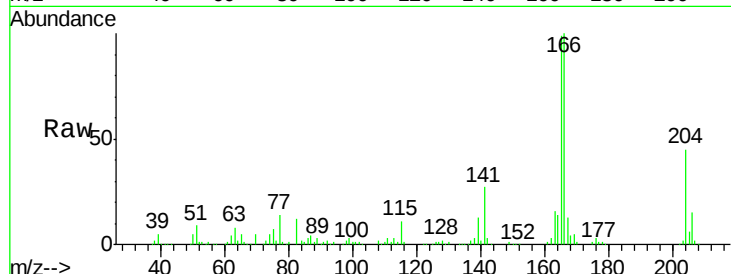




#57
 Fluorene
 Concen: 29.25 ng
 RT: 10.33 min Scan# 765
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

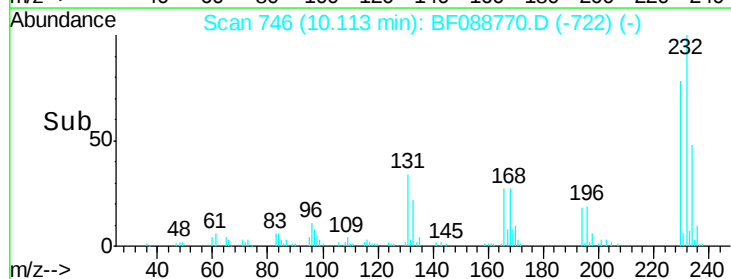
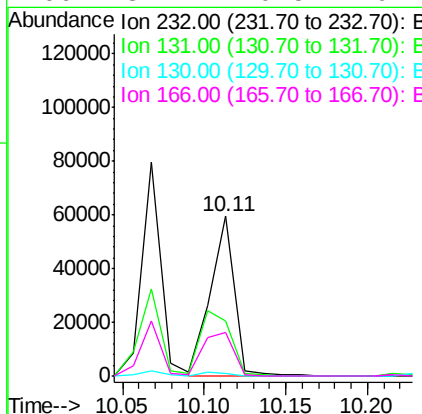
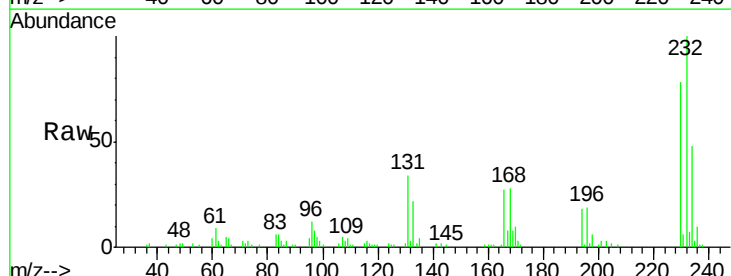
Instrument :
 BNA_F
 ClientSampleId :

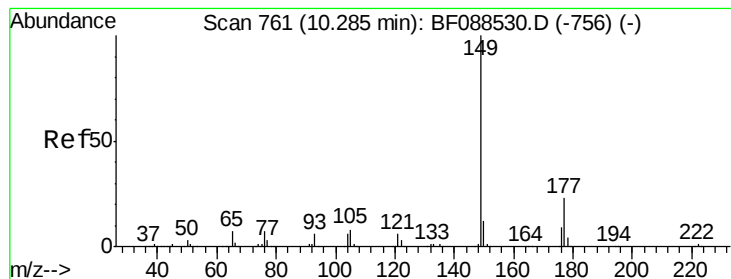
Tot Ion:166 Resp: 286773
 Ion Ratio Lower Upper
 166 100
 165 99.1 77.8 116.8
 167 13.5 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 27.44 ng
 RT: 10.11 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion:232 Resp: 61405
 Ion Ratio Lower Upper
 232 100
 131 51.8 0.9 1.3#
 130 2.6 1.5 2.3#
 166 34.4 0.5 0.7#





#59

Diethylphthalate

Concen: 32.55 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

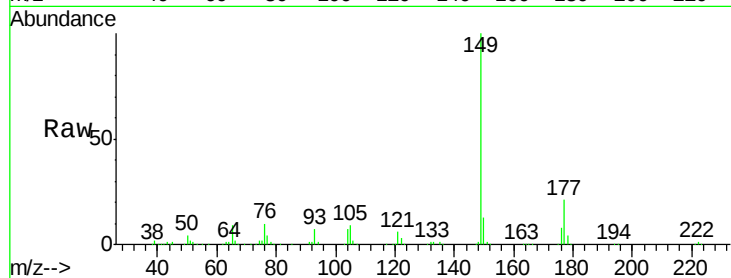
Tot Ion:149 Resp: 356765

Ion Ratio Lower Upper

149 100

177 20.6 16.9 25.3

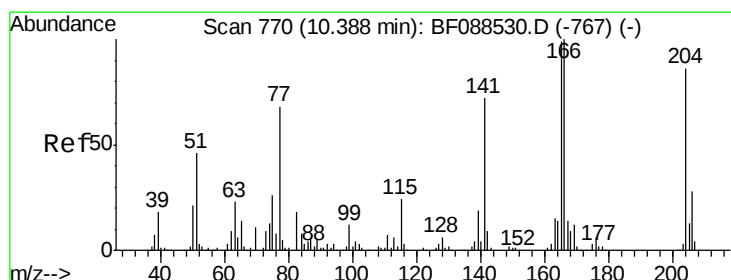
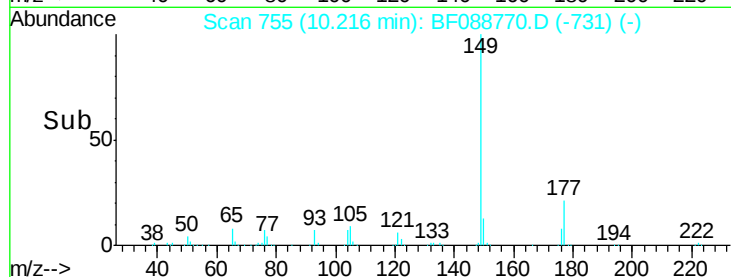
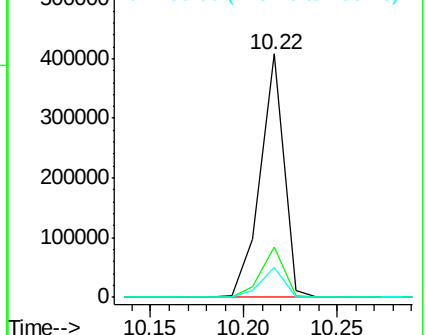
150 12.5 10.1 15.1



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: 30.61 ng

RT: 10.33 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

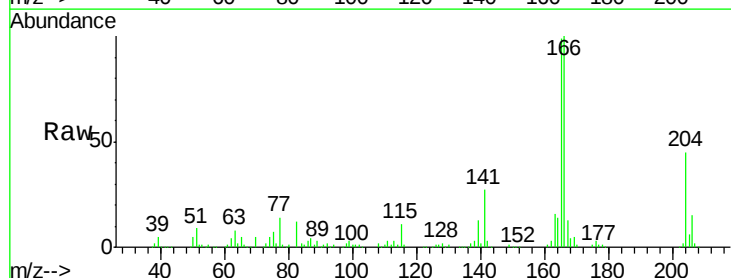
Tgt Ion:204 Resp: 139431

Ion Ratio Lower Upper

204 100

206 33.4 26.3 39.5

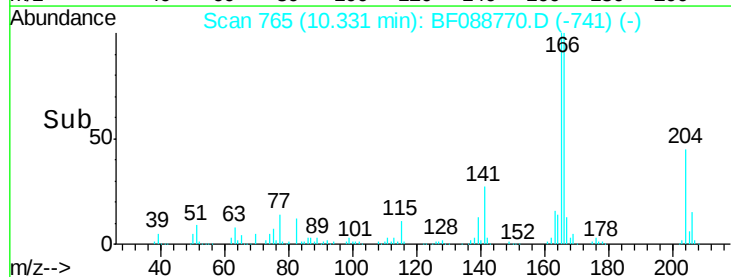
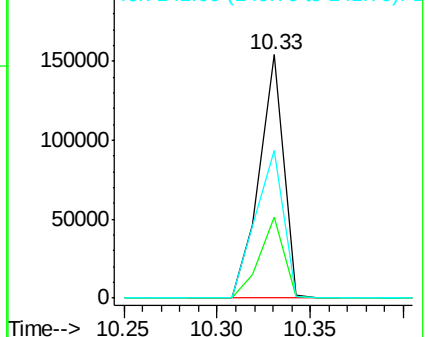
141 60.4 55.0 82.6

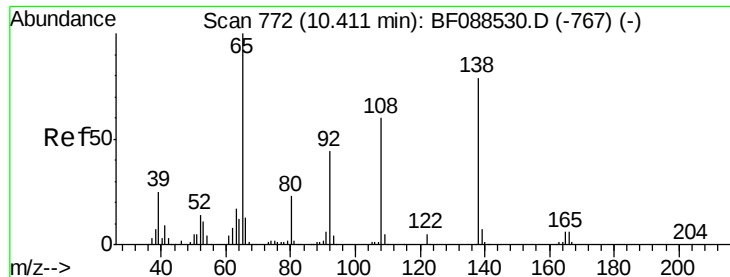


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

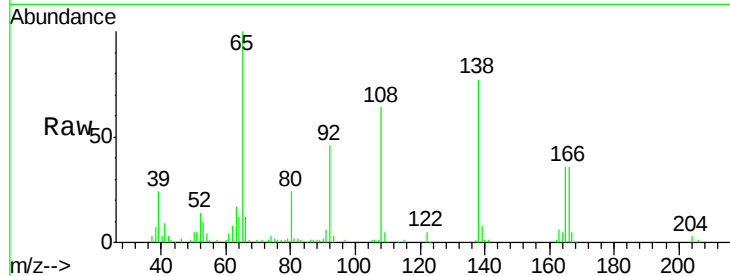




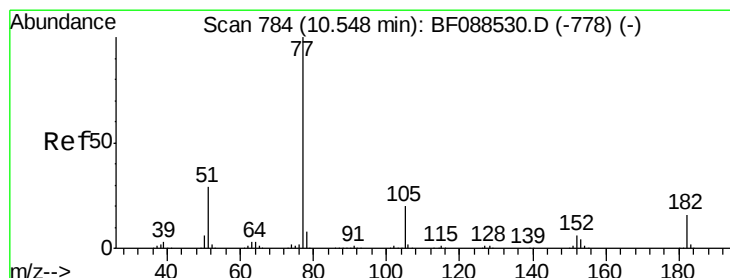
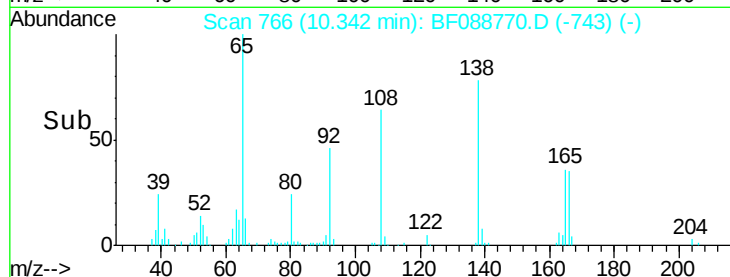
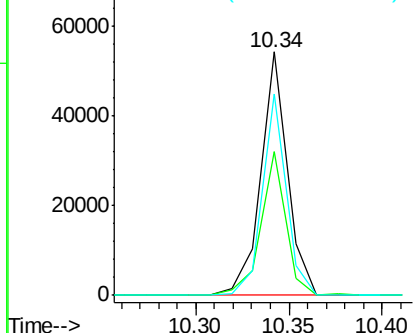
#61
4-Nitroaniline
Concen: 17.95 ng
RT: 10.34 min Scan# 766
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 53137
Ion Ratio Lower Upper
138 100
92 58.8 27.3 67.3
108 82.8 46.7 86.7

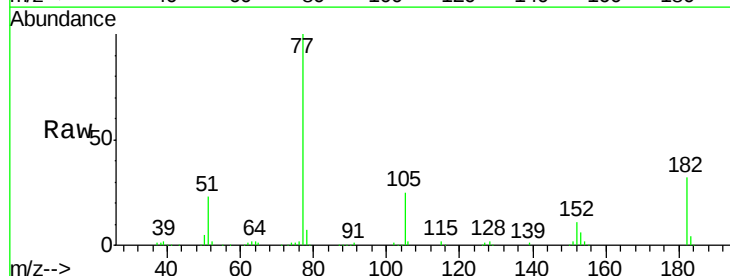


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

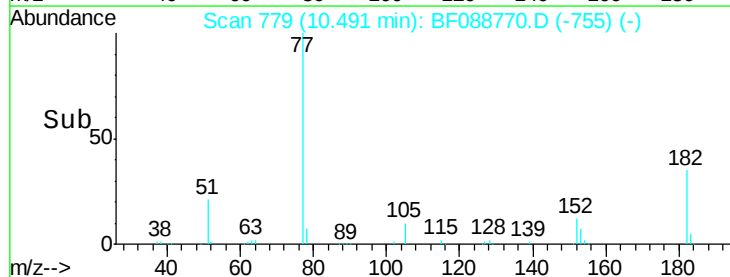
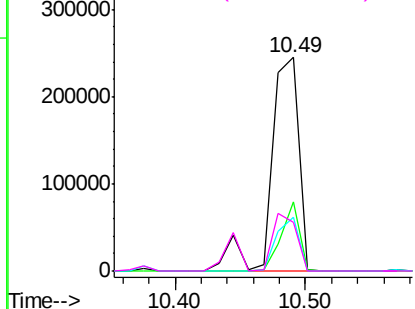


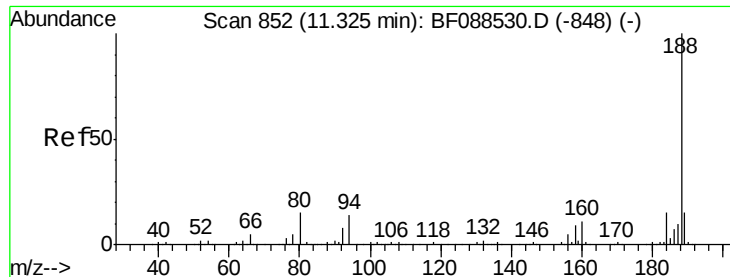
#62
Azobenzene
Concen: 29.22 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion: 77 Resp: 365271
Ion Ratio Lower Upper
77 100
182 32.1 4.4 44.4
105 25.2 3.8 43.8
51 22.8 9.3 49.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

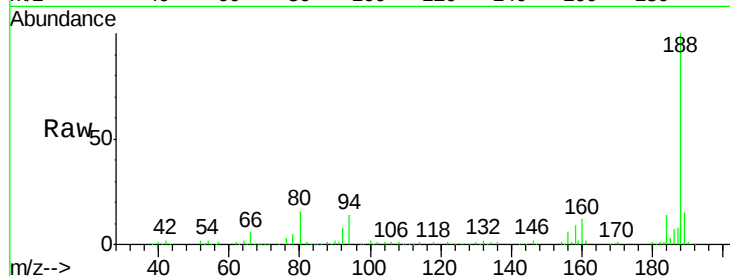




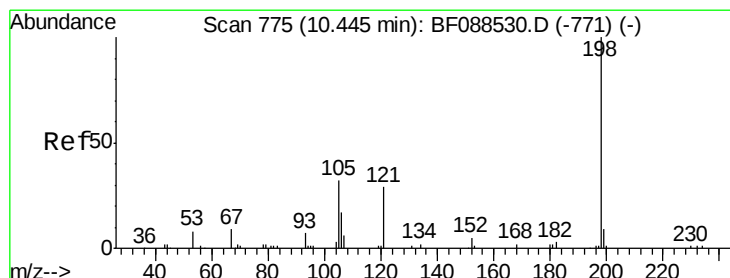
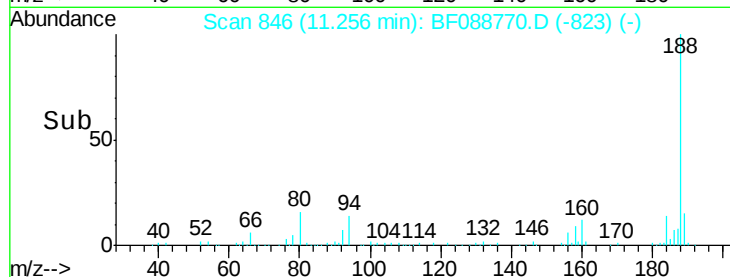
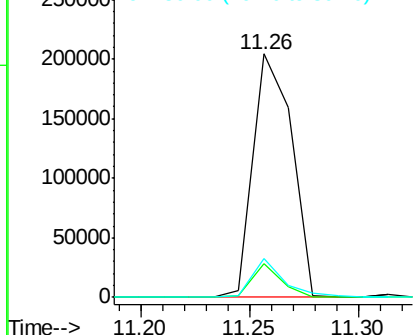
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 255181
Ion Ratio Lower Upper
188 100
94 14.0 9.0 13.6#
80 15.9 10.0 15.0#

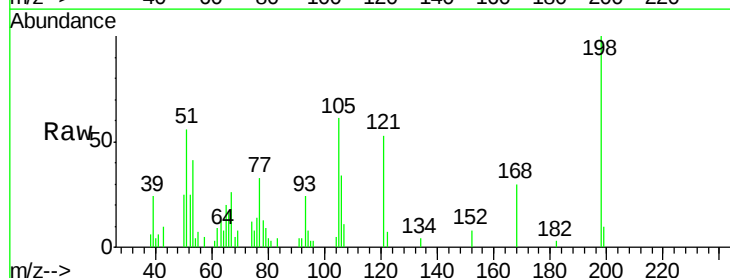


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

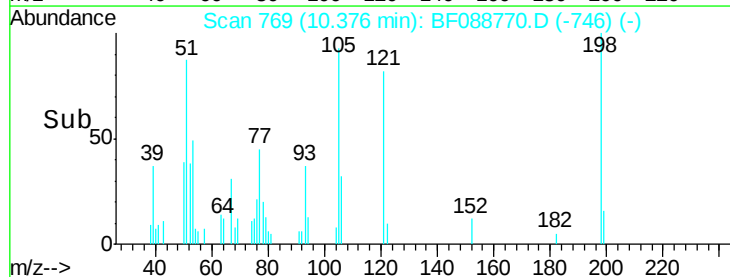
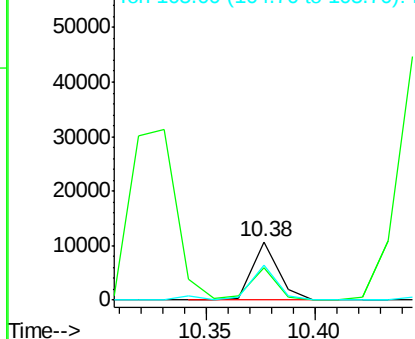


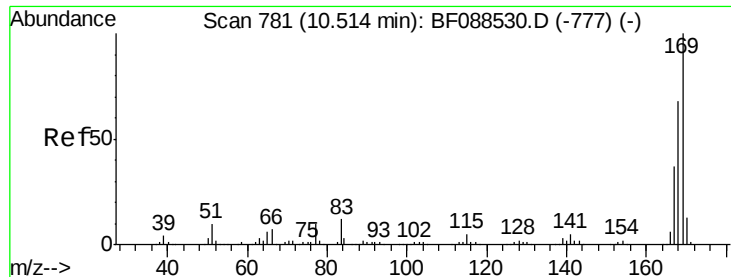
#64
4,6-Dinitro-2-methylphenol
Concen: 6.57 ng
RT: 10.38 min Scan# 769
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:198 Resp: 8972
Ion Ratio Lower Upper
198 100
51 56.1 39.6 79.6
105 60.5 36.6 76.6



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

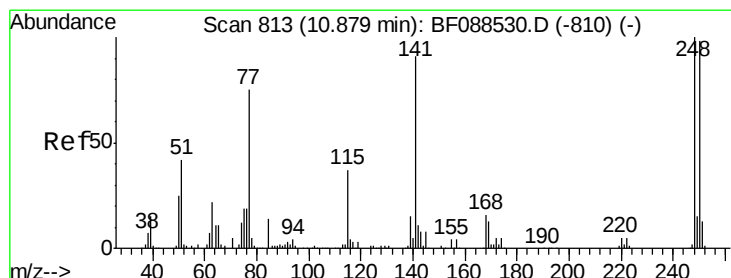
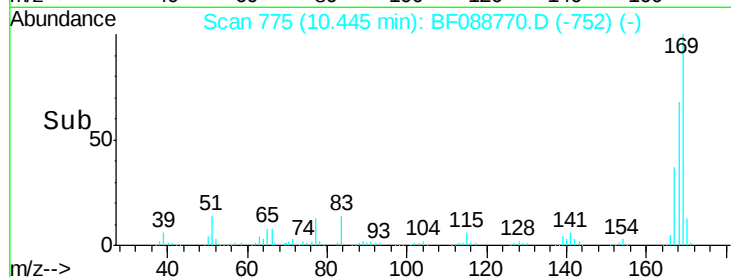
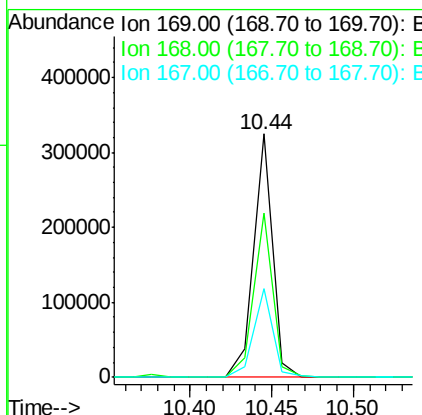
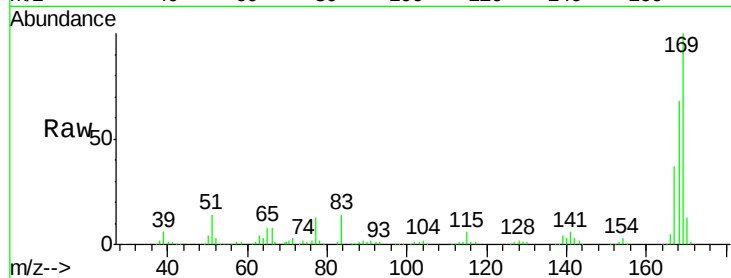




#65
n-Nitrosodiphenylamine
Concen: 30.47 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

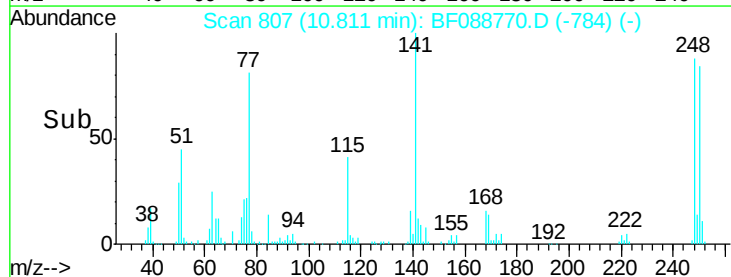
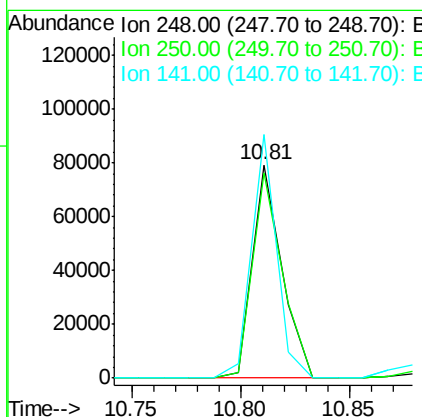
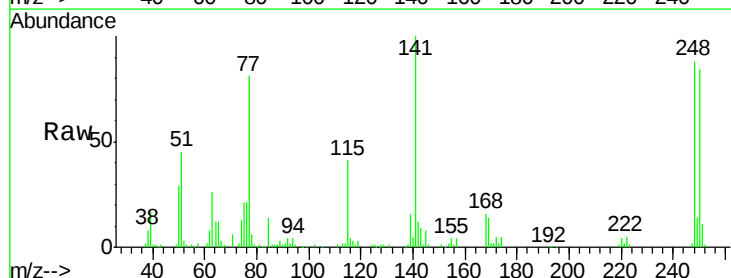
Instrument :
BNA_F
ClientSampleId :

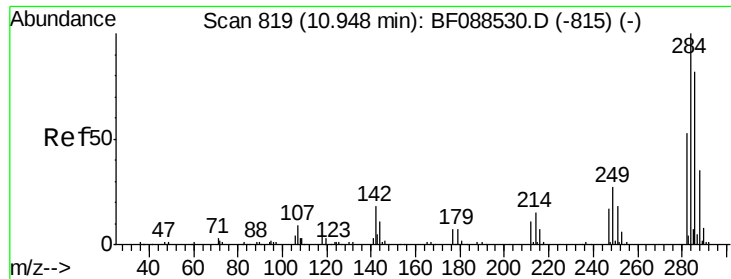
Tot Ion:169 Resp: 263148
Ion Ratio Lower Upper
169 100
168 67.5 53.4 80.0
167 36.6 29.4 44.0



#66
4-Bromophenyl-phenylether
Concen: 29.03 ng
RT: 10.81 min Scan# 807
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:248 Resp: 74660
Ion Ratio Lower Upper
248 100
250 95.8 77.1 115.7
141 114.0 50.6 76.0#

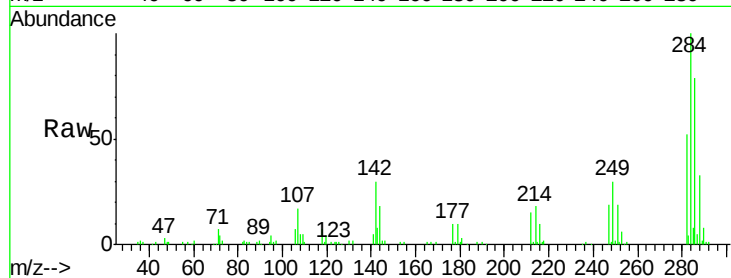




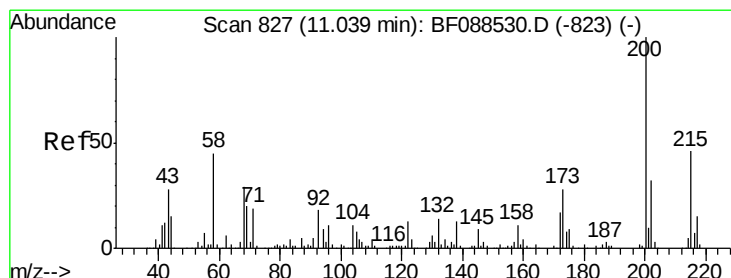
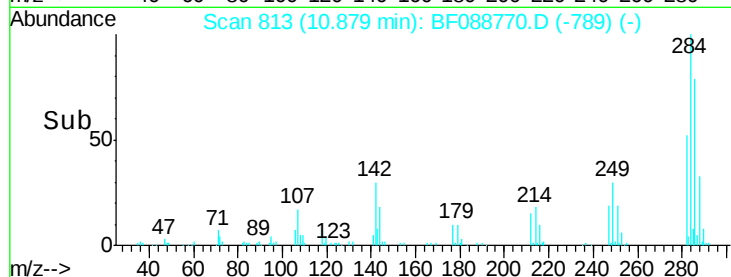
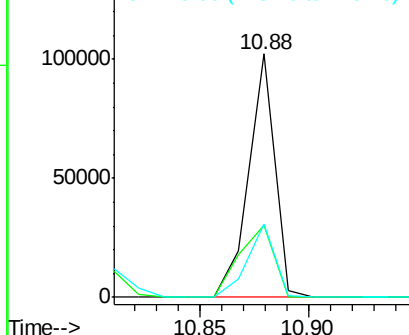
#67
Hexachlorobenzene
Concen: 30.08 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 85624
Ion Ratio Lower Upper
284 100
142 29.7 35.8 53.8#
249 30.2 25.8 38.6

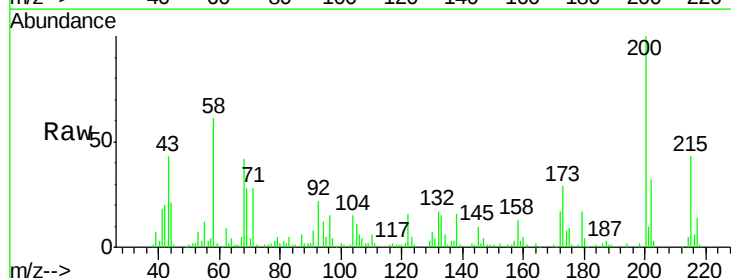


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

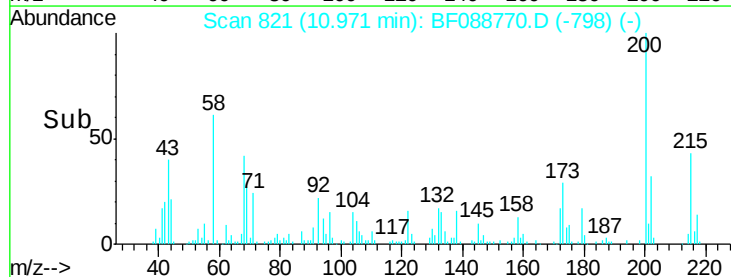
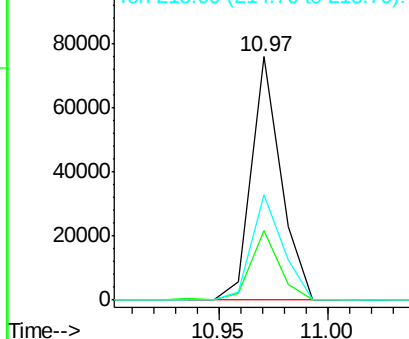


#68
Atrazine
Concen: 26.67 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:200 Resp: 71766
Ion Ratio Lower Upper
200 100
173 28.7 4.0 44.0
215 43.1 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: 49.54 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

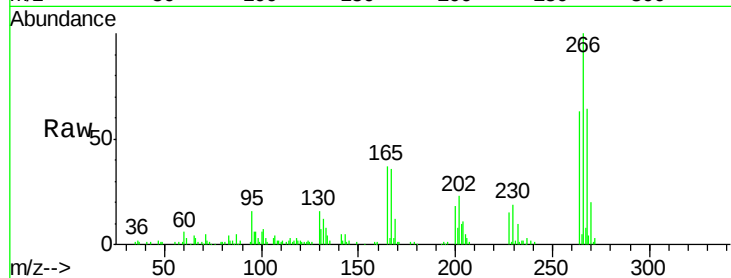
Tot Ion:266 Resp: 83460

Ion Ratio Lower Upper

266 100

268 64.1 52.8 79.2

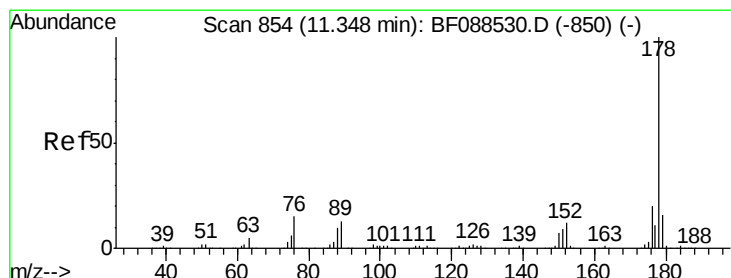
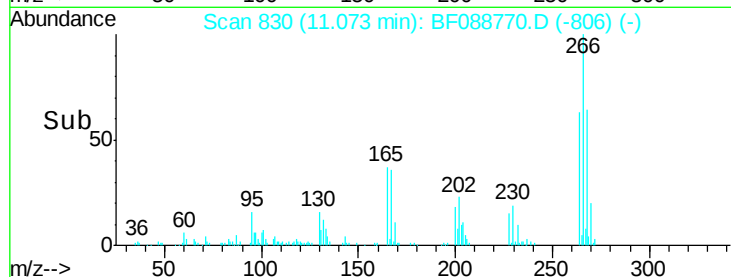
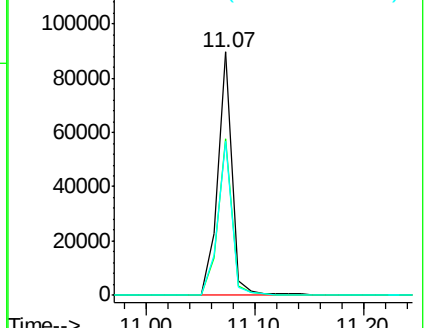
264 63.1 49.6 74.4



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: 27.88 ng

RT: 11.29 min Scan# 849

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

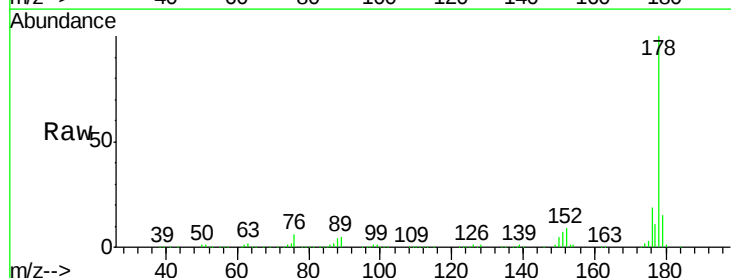
Tgt Ion:178 Resp: 388955

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

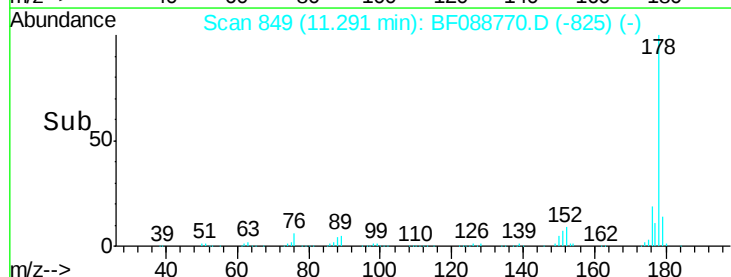
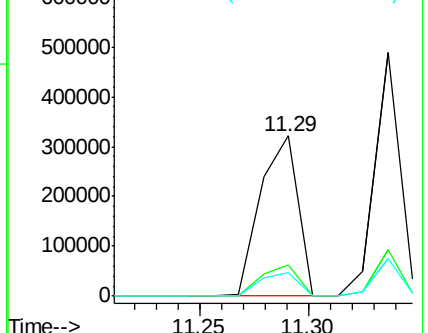
179 14.9 13.0 19.4

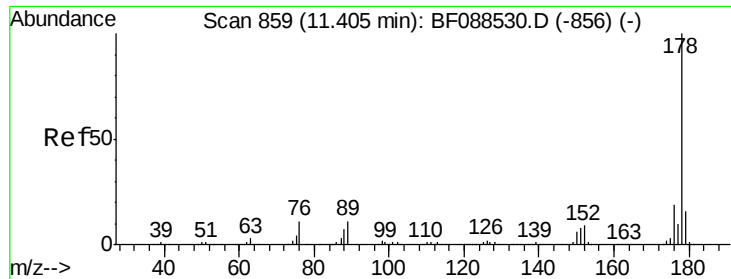


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

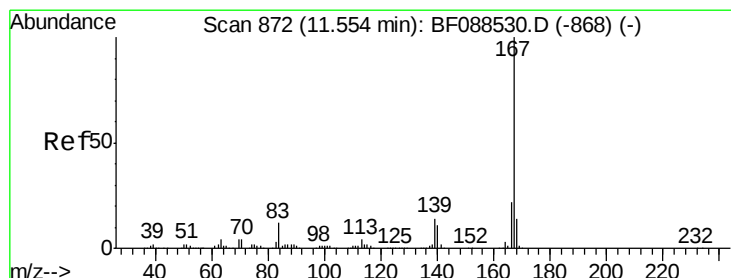
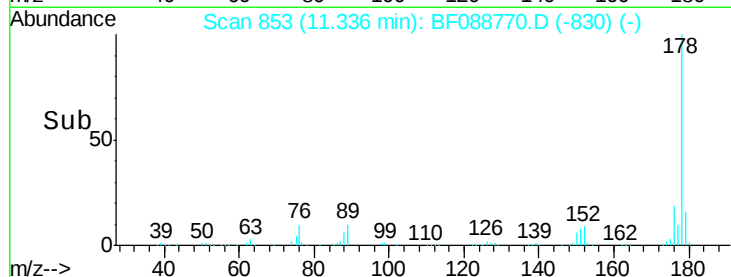
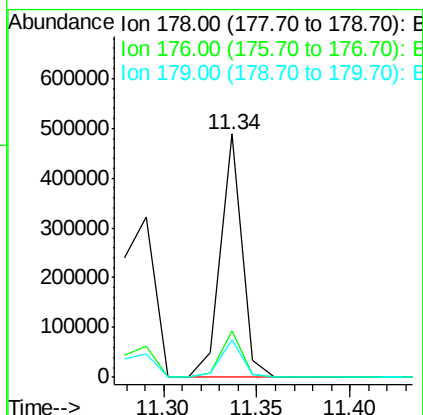
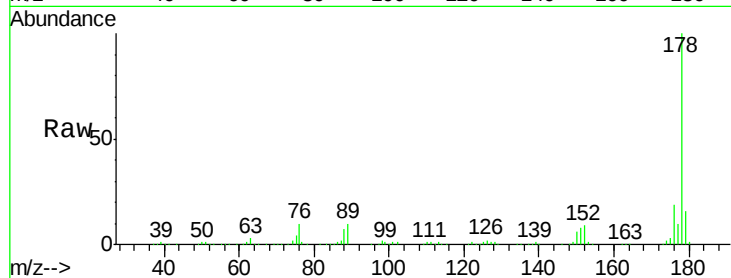




#71
 Anthracene
 Concen: 28.41 ng
 RT: 11.34 min Scan# 853
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

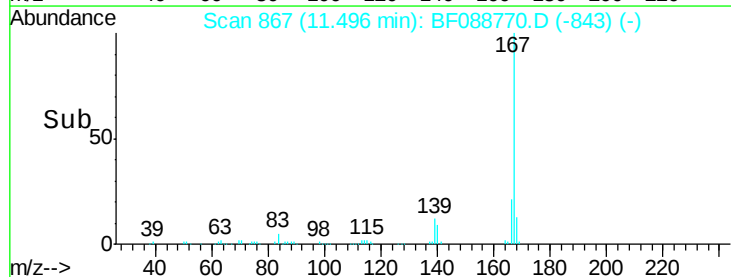
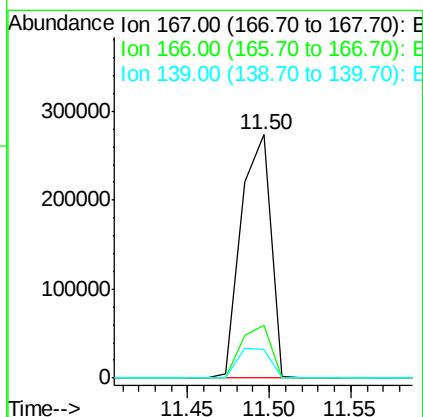
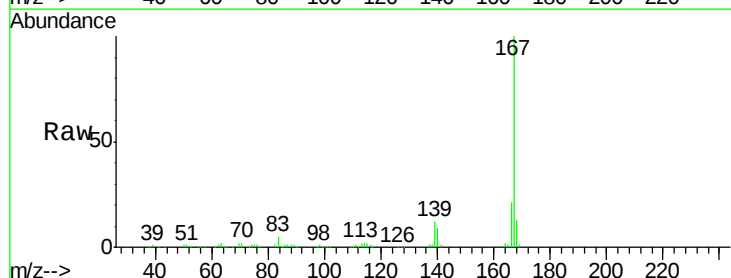
Instrument :
 BNA_F
 ClientSampleId :

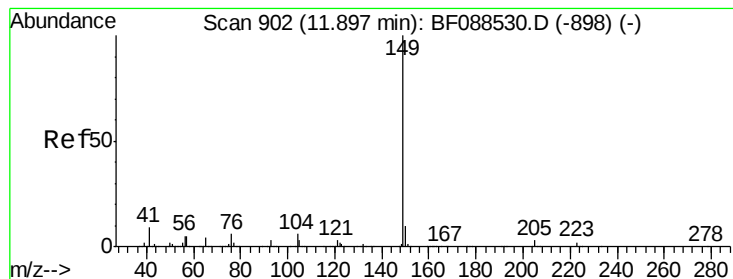
Tot Ion:178 Resp: 394029
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.6 23.4
 179 15.7 12.8 19.2



#72
 Carbazole
 Concen: 26.30 ng
 RT: 11.50 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion:167 Resp: 343342
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.6
 139 11.6 11.2 16.8





#73

Di-n-butylphthalate

Concen: 30.57 ng

RT: 11.84 min Scan# 897

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

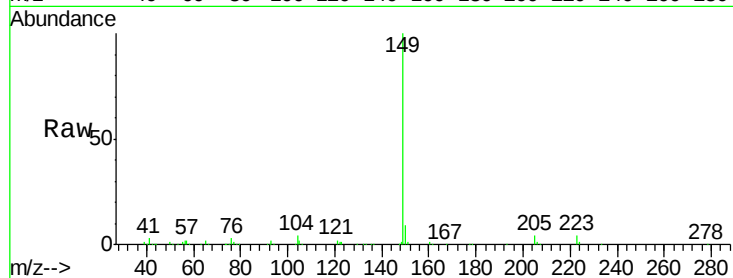
Tot Ion:149 Resp: 464212

Ion Ratio Lower Upper

149 100

150 8.7 7.8 11.6

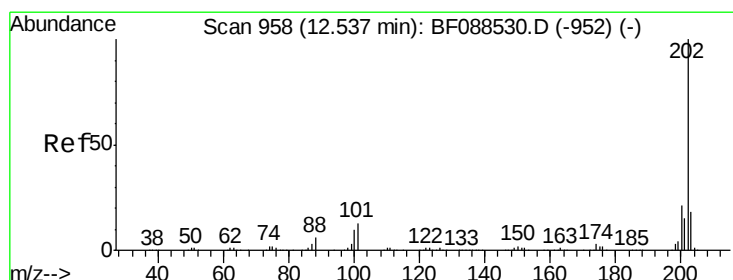
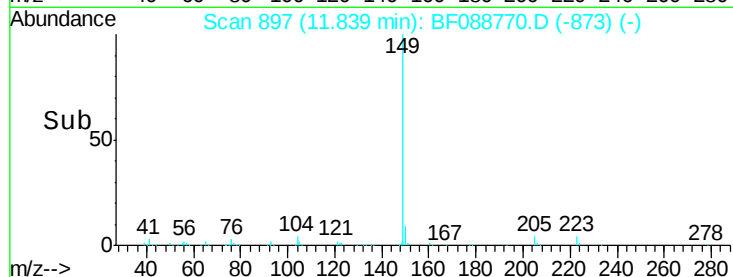
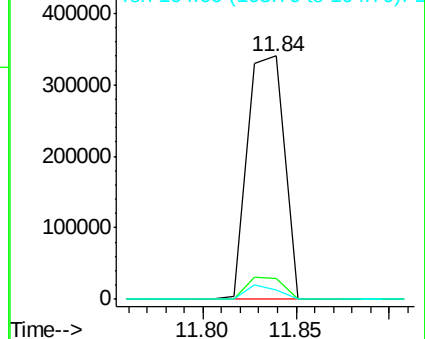
104 3.9 4.0 6.0#



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: 25.23 ng

RT: 12.47 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

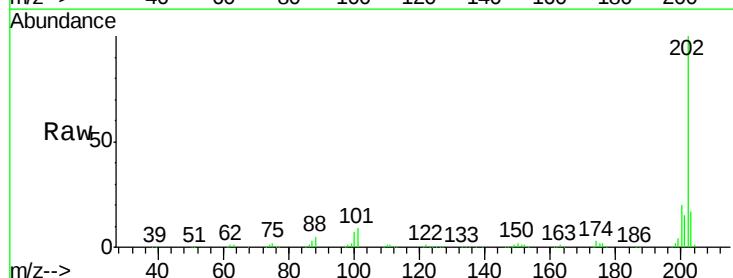
Tgt Ion:202 Resp: 356823

Ion Ratio Lower Upper

202 100

101 9.4 0.0 33.1

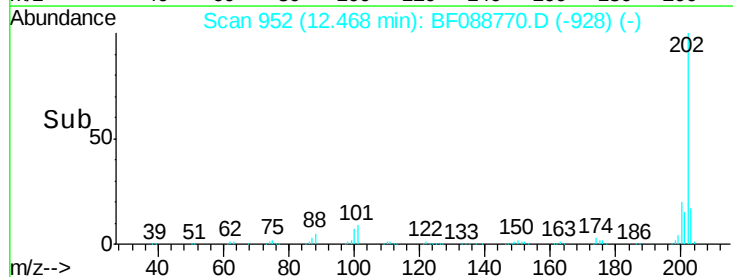
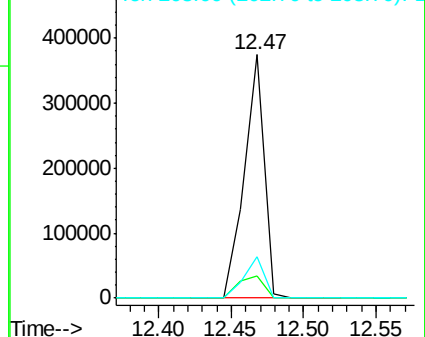
203 17.0 0.0 38.1



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: 13.89 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

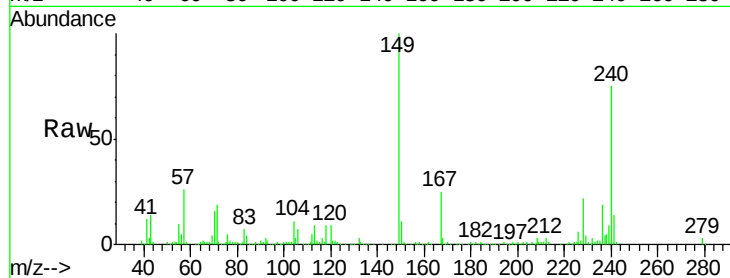
Tot Ion:240 Resp: 174836

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

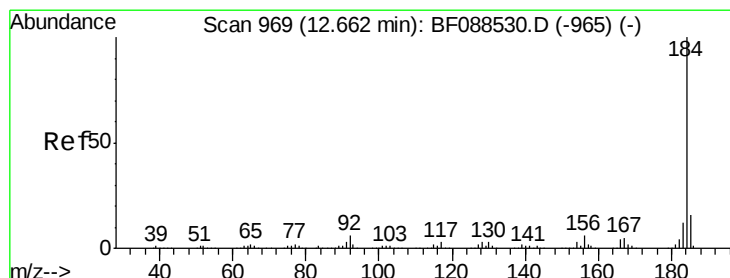
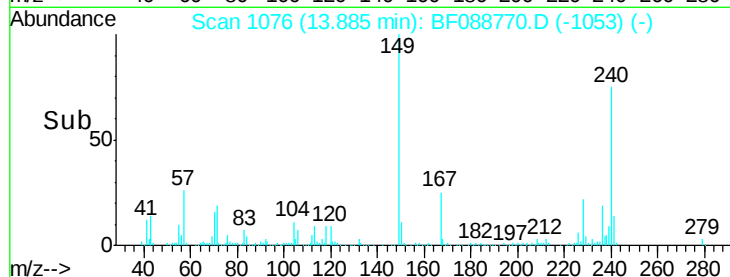
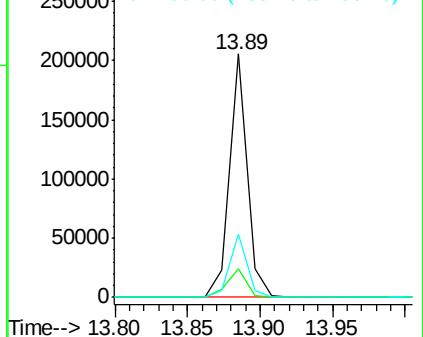
236 25.7 20.2 30.2



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: 30.88 ng

RT: 12.59 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

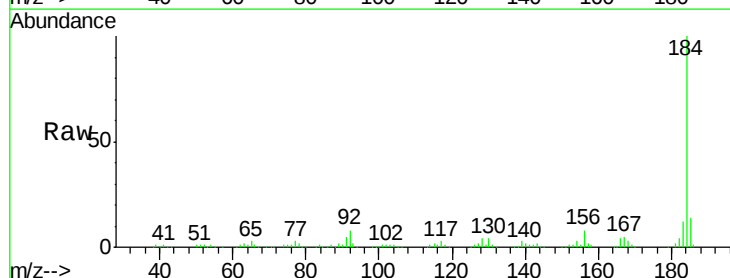
Tgt Ion:184 Resp: 272907

Ion Ratio Lower Upper

184 100

185 14.4 12.5 18.7

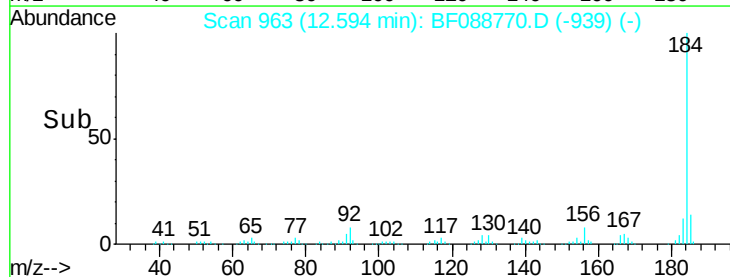
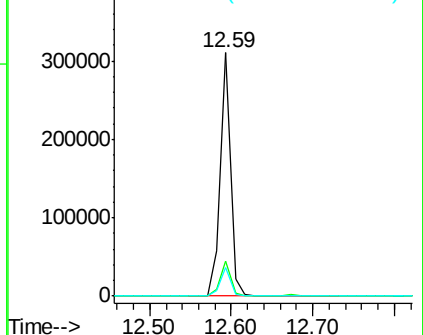
183 11.9 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 22.22 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

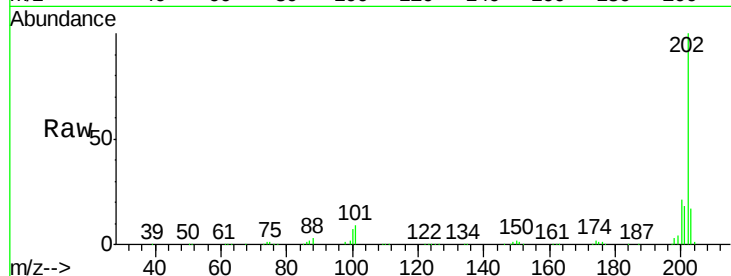
Tot Ion:202 Resp: 329414

Ion Ratio Lower Upper

202 100

200 21.3 17.4 26.2

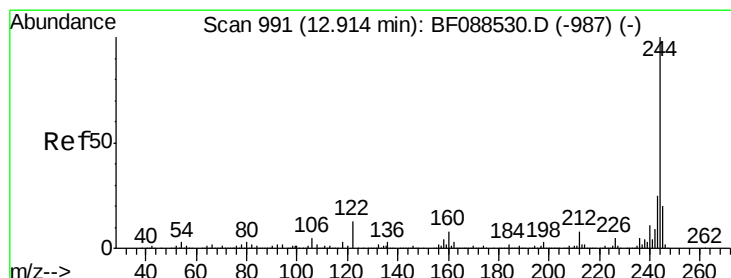
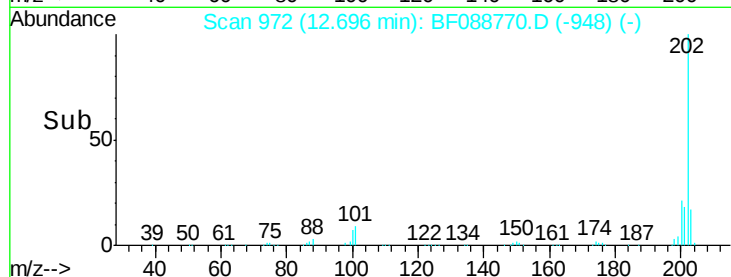
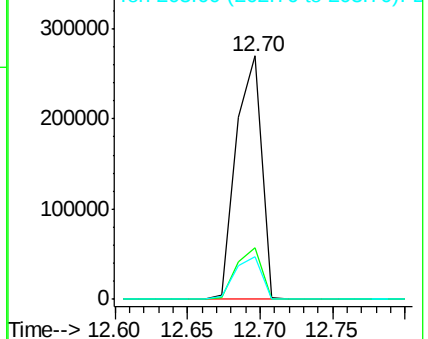
203 17.3 14.5 21.7



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: 63.36 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

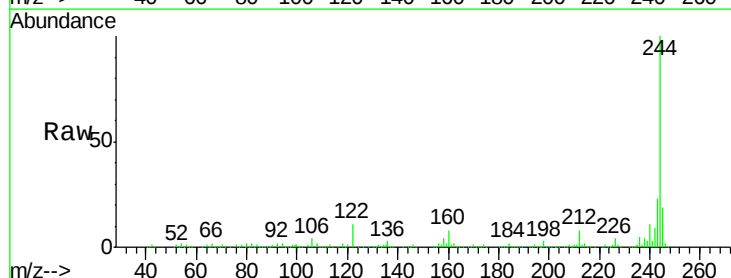
Tgt Ion:244 Resp: 497378

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

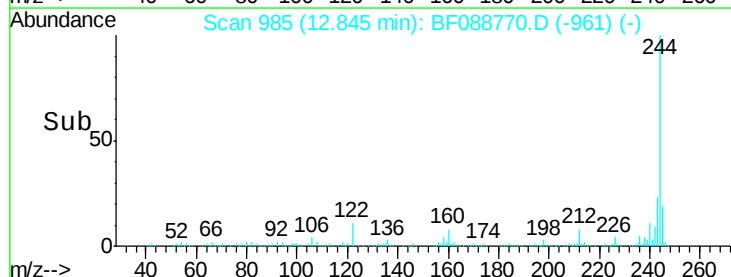
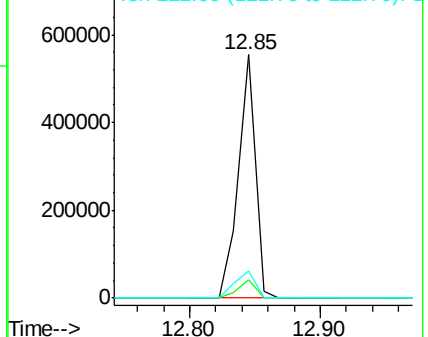
122 11.2 11.2 16.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.43 ng

RT: 13.33 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

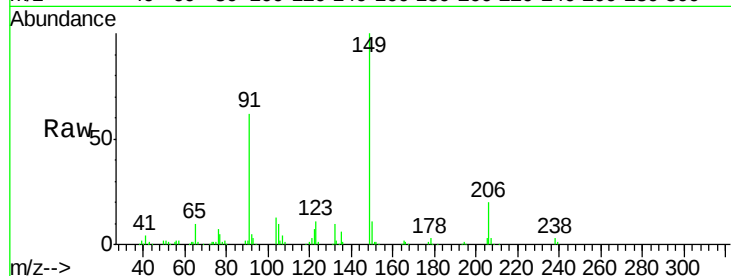
Tot Ion:149 Resp: 168147

Ion Ratio Lower Upper

149 100

91 62.0 48.0 72.0

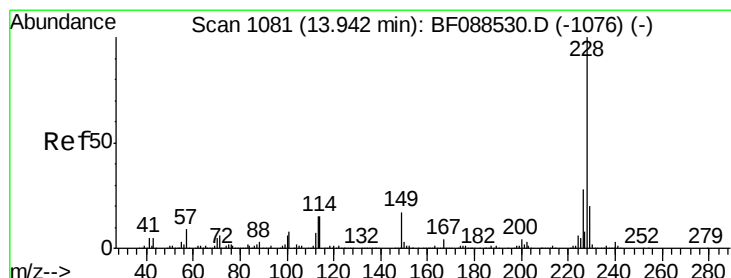
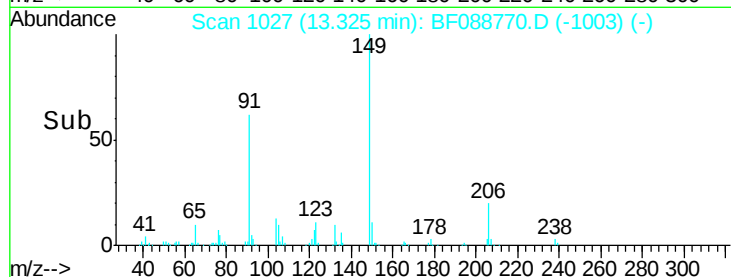
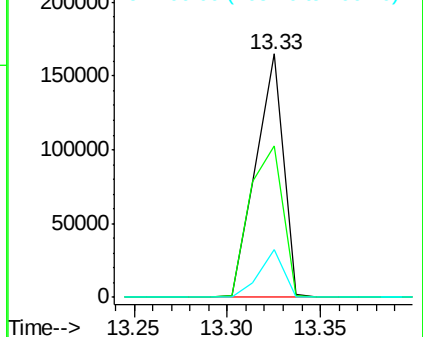
206 19.7 16.0 24.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 24.97 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

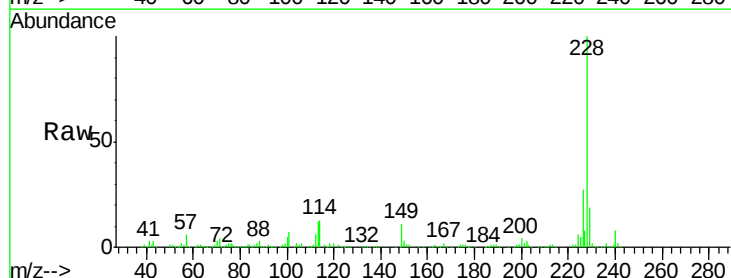
Tgt Ion:228 Resp: 281104

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

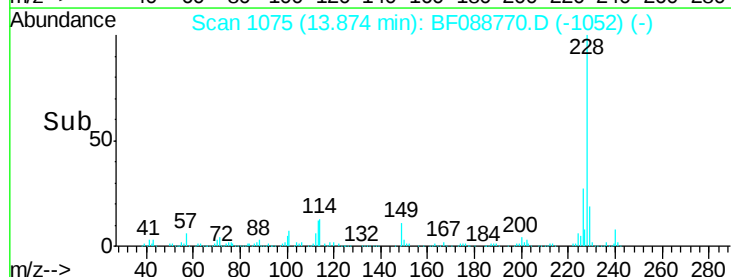
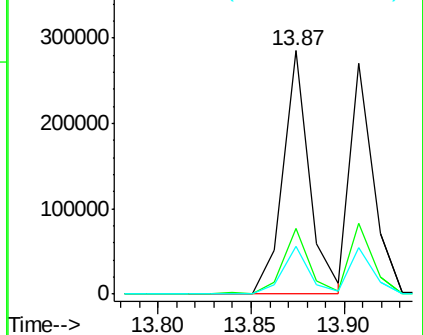
229 19.4 16.0 24.0

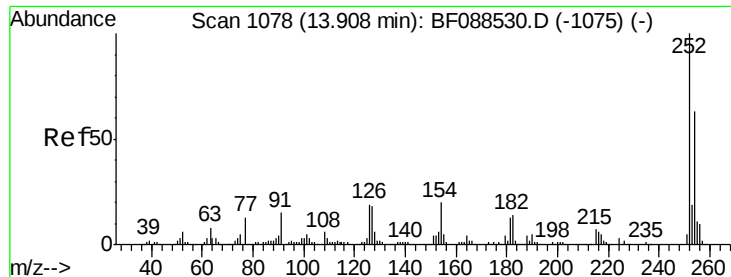


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

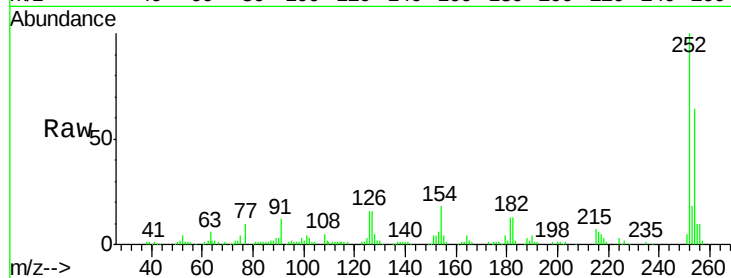




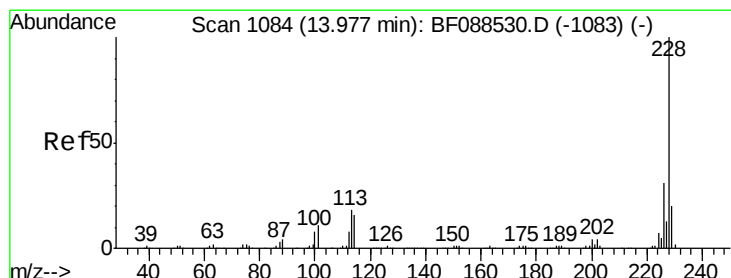
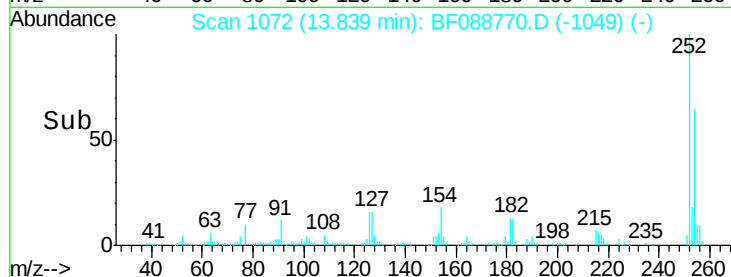
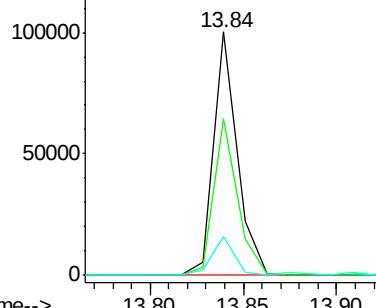
#81
 3,3'-Dichlorobenzidine
 Concen: 20.89 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 88431
 Ion Ratio Lower Upper
 252 100
 254 64.2 52.6 78.8
 126 15.8 6.2 9.2#

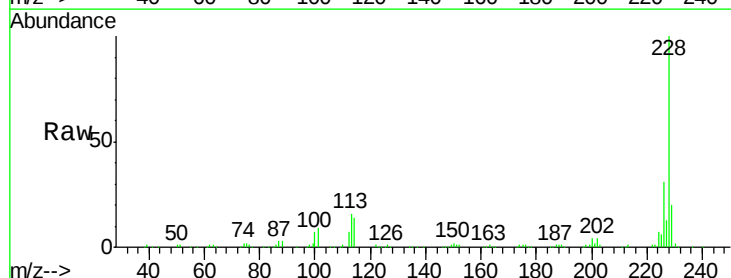


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

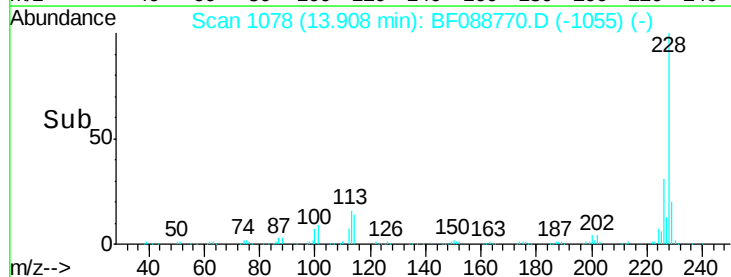
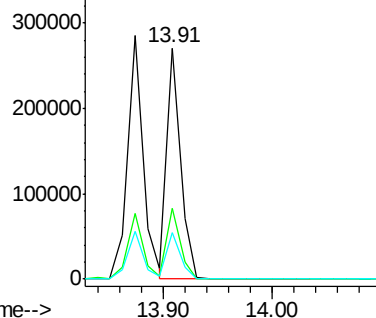


#82
 Chrysene
 Concen: 21.45 ng
 RT: 13.91 min Scan# 1078
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion:228 Resp: 238963
 Ion Ratio Lower Upper
 228 100
 226 30.6 25.4 38.2
 229 20.1 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: 30.24 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

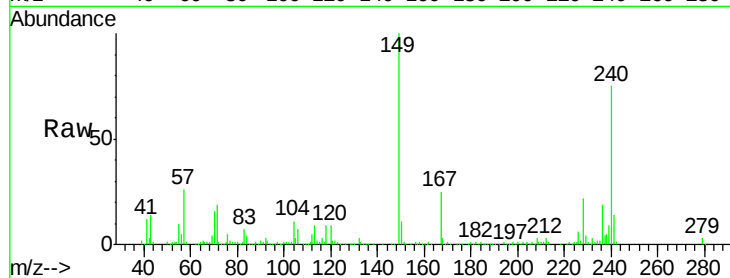
Tot Ion:149 Resp: 228322

Ion Ratio Lower Upper

149 100

167 25.1 20.5 30.7

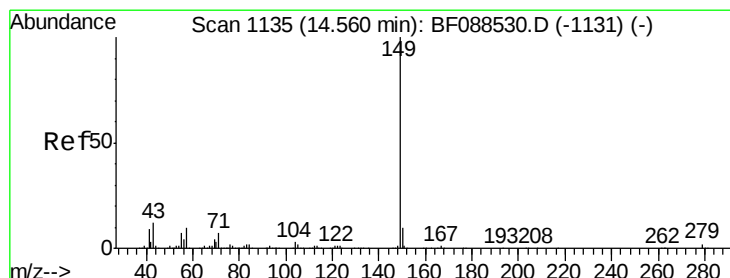
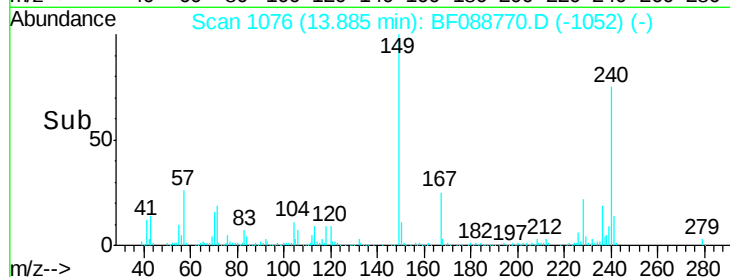
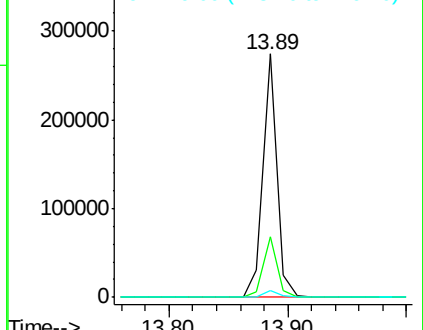
279 2.7 2.0 3.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 28.15 ng

RT: 14.49 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

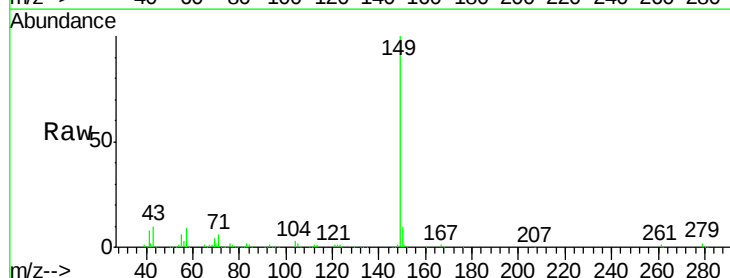
Tgt Ion:149 Resp: 361022

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

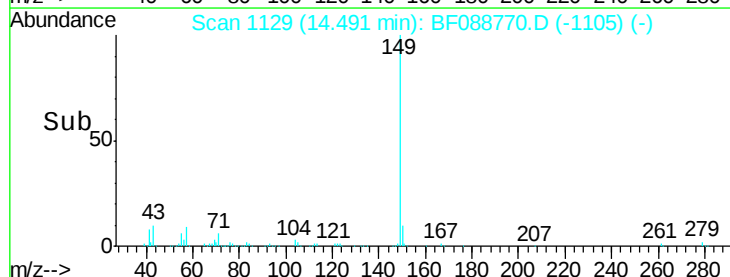
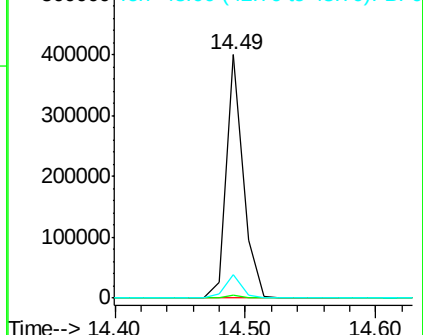
43 9.3 0.0 0.0#

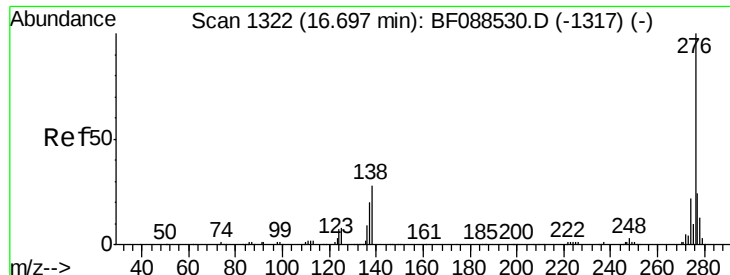


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

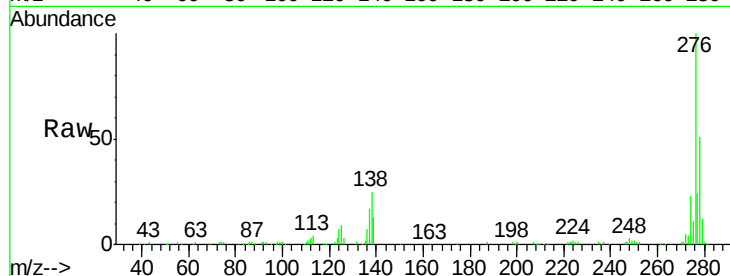




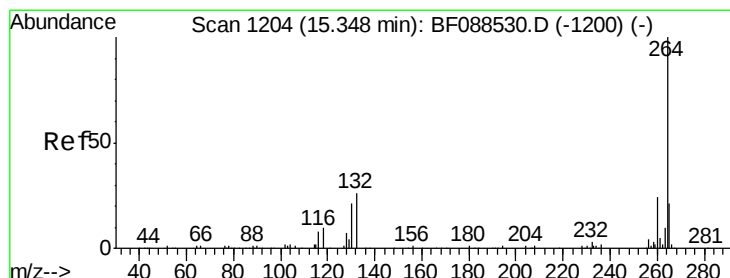
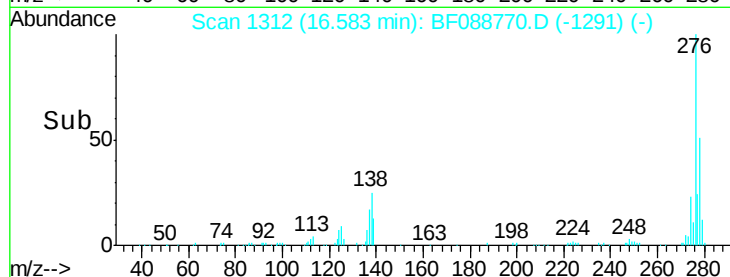
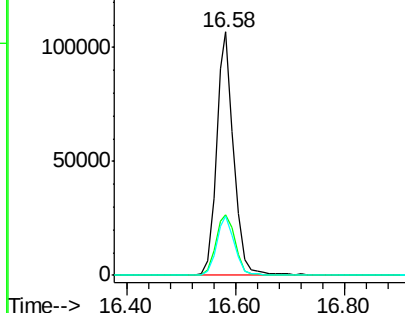
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.76 ng
 RT: 16.58 min Scan# 1312
 Delta R.T. -0.06 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	28.0	0.0	0.0#
277	25.1	0.0	0.0#

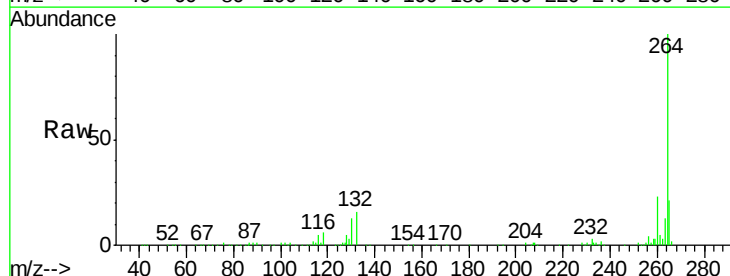


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

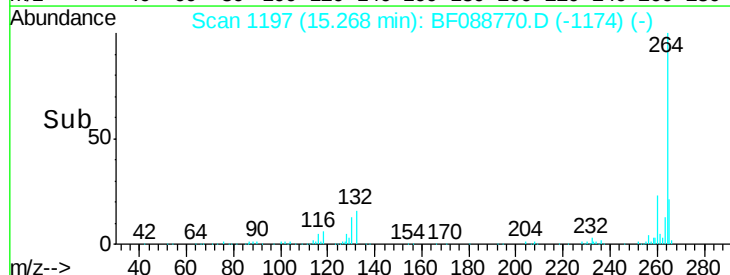
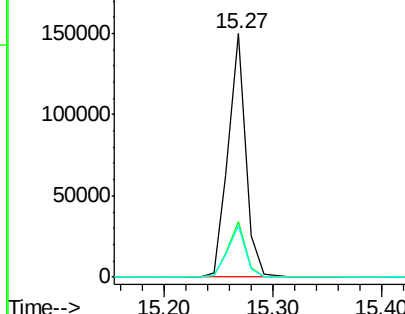


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.27 min Scan# 1197
 Delta R.T. -0.03 min
 Lab File: BF088770.D
 Acq: 7 Jul 2016 8:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.2	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

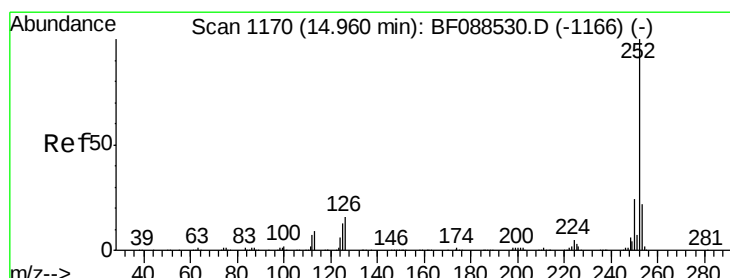
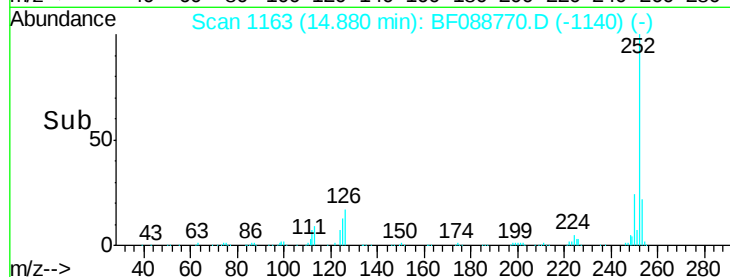
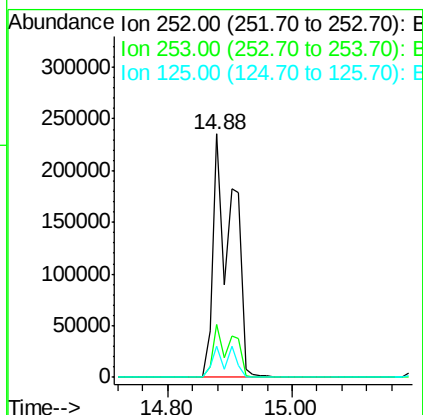
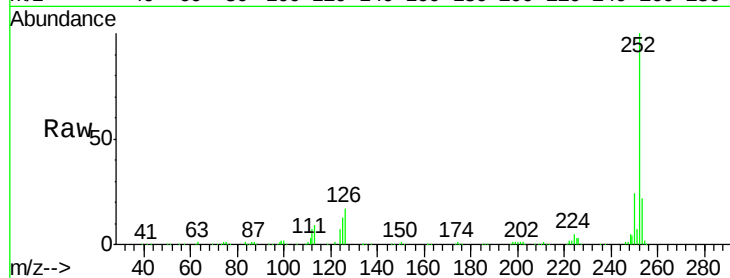




#87
Benzo(b)fluoranthene
Concen: 48.93 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

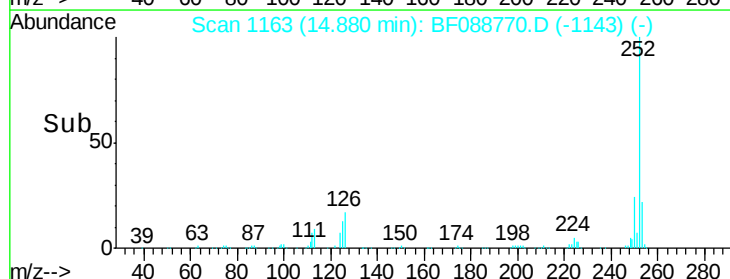
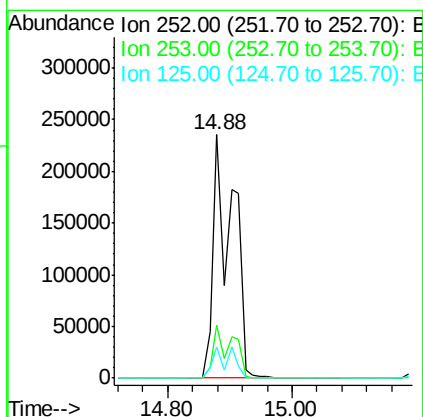
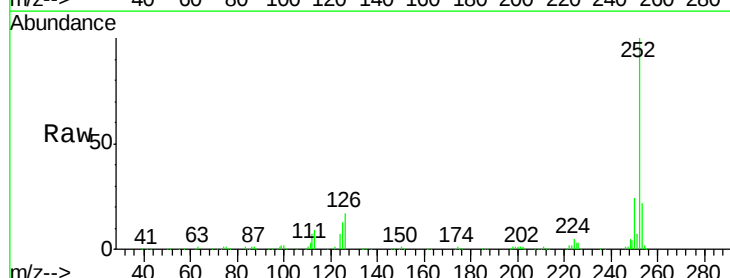
Instrument :
BNA_F
ClientSampleId :

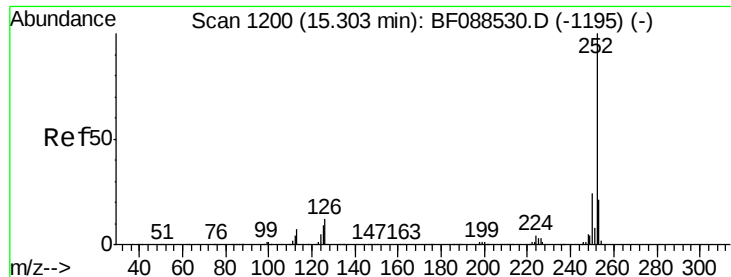
Tot Ion:252 Resp: 515231
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 13.1 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 56.20 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF088770.D
Acq: 7 Jul 2016 8:40

Tgt Ion:252 Resp: 515231
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 13.1 11.2 16.8





#89

Benzo(a)pyrene

Concen: 27.53 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampled :

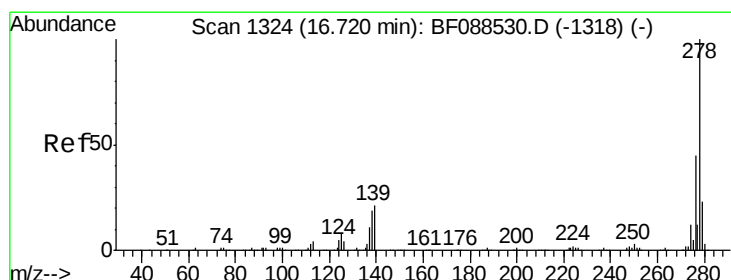
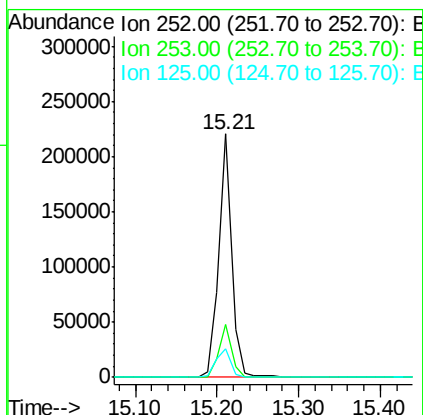
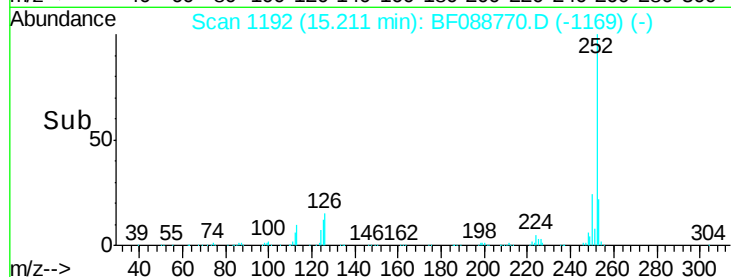
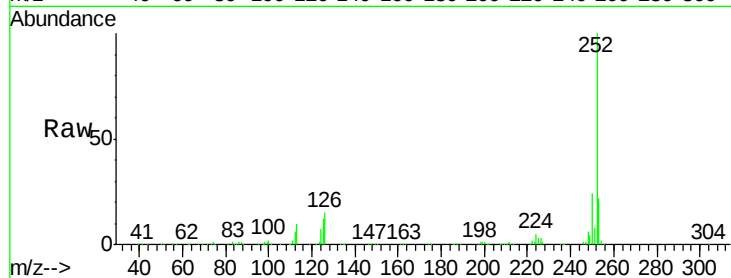
Tot Ion:252 Resp: 245443

Ion Ratio Lower Upper

252 100

253 21.5 17.9 26.9

125 11.9 12.5 18.7#



#90

Dibenzo(a,h)anthracene

Concen: 27.09 ng

RT: 16.59 min Scan# 1313

Delta R.T. -0.06 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

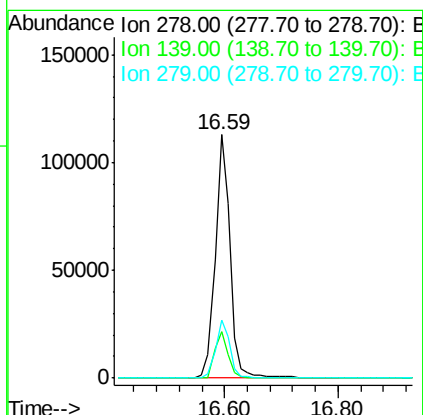
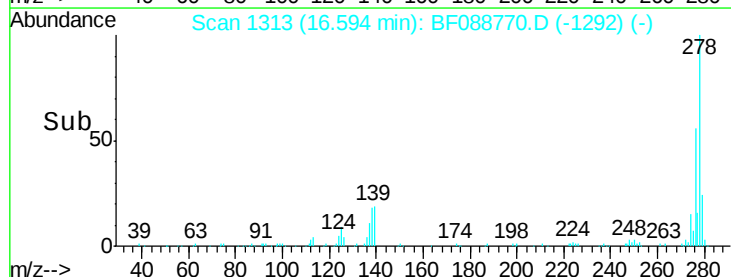
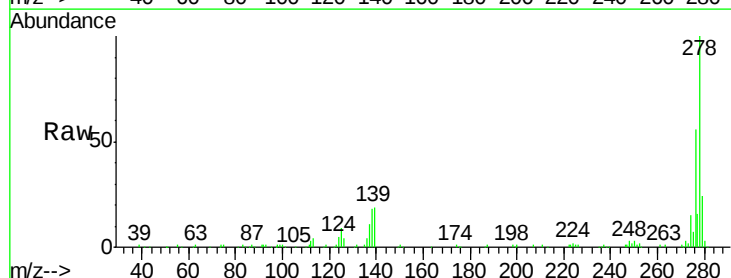
Tgt Ion:278 Resp: 201674

Ion Ratio Lower Upper

278 100

139 19.1 15.7 23.5

279 23.7 19.4 29.2





#91

Benzo(a,h,i)perylene

Concen: 24.31 ng

RT: 16.97 min Scan# 1346

Delta R.T. -0.07 min

Lab File: BF088770.D

Acq: 7 Jul 2016 8:40

Instrument :

BNA_F

ClientSampleId :

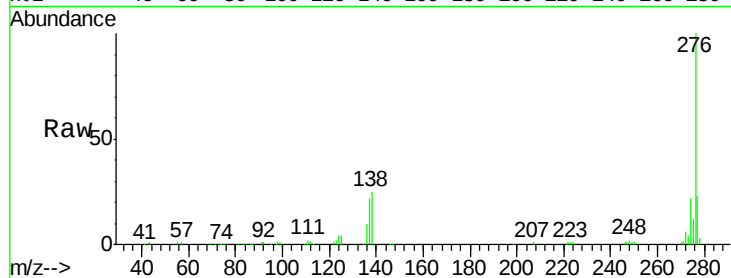
Tot Ion: 276 Resp: 187314

Ion Ratio Lower Upper

276 100

277 23.0 18.9 28.3

138 25.5 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

