

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
 Data File : BF088896.D
 Acq On : 10 Jul 2016 3:50
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Jul 11 04:39:54 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	91539	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	385822	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	178461	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	323692	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	172158	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190720	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	496476	81.28	ng	-0.01
7) Phenol-d6	6.36	99	611436	77.47	ng	-0.01
23) Nitrobenzene-d5	7.29	82	554954	75.38	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	145599	87.86	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1016585	89.98	ng	0.00
78) Terphenyl-d14	12.82	244	807530	104.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.22	88	99656	32.91	ng	# 35
3) Pyridine	2.88	79	281593	32.05	ng	92
4) n-Nitrosodimethylamine	2.84	42	108344	32.27	ng	92
6) Aniline	6.39	93	396018	34.43	ng	# 49
8) 2-Chlorophenol	6.51	128	268301	40.87	ng	85
9) Benzaldehyde	6.26	77	165752	31.01	ng	87
10) Phenol	6.39	94	332069	36.87	ng	# 49
11) bis(2-Chloroethyl)ether	6.47	93	268854	40.03	ng	87
12) 1,3-Dichlorobenzene	6.66	146	272567	37.73	ng	98
13) 1,4-Dichlorobenzene	6.74	146	299525	41.77	ng	98
14) 1,2-Dichlorobenzene	6.90	146	258424	38.51	ng	97
15) Benzyl Alcohol	6.87	79	222319	38.27	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	307878	31.65	ng	85
17) 2-Methylphenol	6.99	107	205274	38.33	ng	96
18) Hexachloroethane	7.23	117	105741	38.13	ng	# 82
19) n-Nitroso-di-n-propylamine	7.15	70	172017	32.45	ng	91
20) 3+4-Methylphenols	7.15	107	277139	43.12	ng	# 77
22) Acetophenone	7.14	105	359626	38.40	ng	# 90
24) Nitrobenzene	7.31	77	288341	38.84	ng	# 85
25) Isophorone	7.55	82	503890	36.95	ng	95
26) 2-Nitrophenol	7.63	139	132481	43.52	ng	# 74
27) 2,4-Dimethylphenol	7.68	122	258758	40.81	ng	89
28) bis(2-Chloroethoxy)methane	7.77	93	319647	36.02	ng	# 96
29) 2,4-Dichlorophenol	7.87	162	210134	41.01	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	222998	39.66	ng	97
31) Naphthalene	8.03	128	754695	39.68	ng	99
32) Benzoic acid	7.80	122	103050	22.39	ng	93
33) 4-Chloroaniline	8.09	127	342939	40.52	ng	# 91
34) Hexachlorobutadiene	8.16	225	138462	45.99	ng	98
35) Caprolactam	8.47	113	67174	38.60	ng	# 87
36) 4-Chloro-3-methylphenol	8.57	107	229264	37.84	ng	88
37) 2-Methylnaphthalene	8.72	142	459145	37.49	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	248227	41.82	ng	# 1
40) Hexachlorocyclopentadiene	8.88	237	76337	26.20	ng	99

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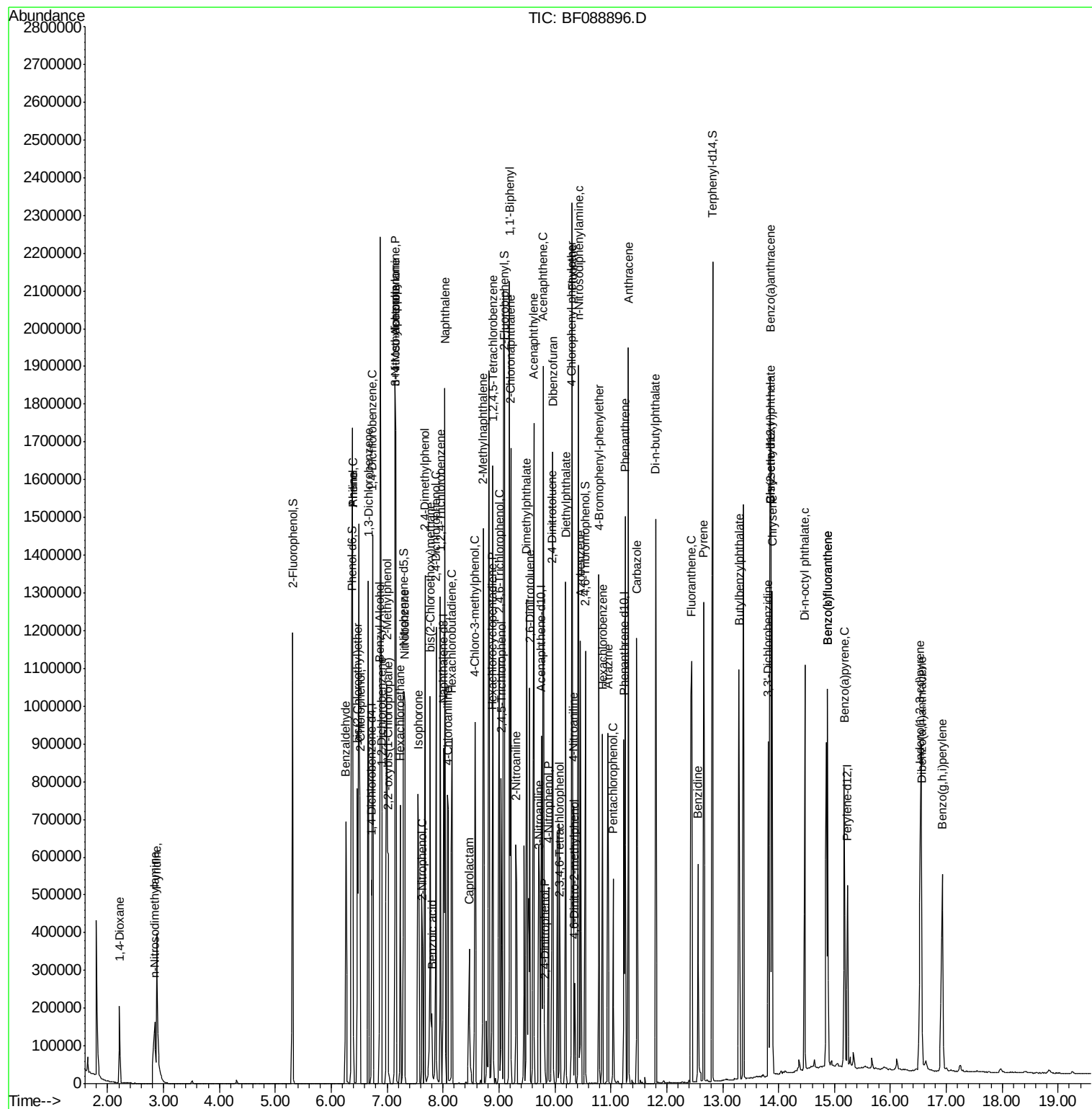
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	159922	40.86	ng	98
43) 2,4,5-Trichlorophenol	9.04	196	133149	39.54	ng #	81
45) 1,1'-Biphenyl	9.19	154	576442	39.01	ng	98
46) 2-Chloronaphthalene	9.21	162	466482	40.21	ng	97
47) 2-Nitroaniline	9.30	65	156036	37.90	ng	98
48) Acenaphthylene	9.62	152	708726	38.39	ng	99
49) Dimethylphthalate	9.50	163	518030	40.74	ng	99
50) 2,6-Dinitrotoluene	9.55	165	123462	43.81	ng #	63
51) Acenaphthene	9.79	154	406978	35.97	ng	98
52) 3-Nitroaniline	9.72	138	156577	43.71	ng #	77
53) 2,4-Dinitrophenol	9.82	184	16761	13.47	ng #	80
54) Dibenzofuran	9.96	168	605484	40.88	ng #	88
55) 4-Nitrophenol	9.88	139	95980	35.26	ng #	86
56) 2,4-Dinitrotoluene	9.95	165	162426	44.09	ng #	61
57) Fluorene	10.31	166	511168	44.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	97728	37.51	ng #	53
59) Diethylphthalate	10.19	149	586965	46.00	ng	99
60) 4-Chlorophenyl-phenylether	10.30	204	212416	40.06	ng #	83
61) 4-Nitroaniline	10.33	138	143415	41.60	ng	85
62) Azobenzene	10.46	77	540607	37.14	ng	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	32591	18.82	ng	80
65) n-Nitrosodiphenylamine	10.42	169	466469	42.58	ng	99
66) 4-Bromophenyl-phenylether	10.79	248	140133	42.96	ng #	84
67) Hexachlorobenzene	10.86	284	167746	46.46	ng #	77
68) Atrazine	10.95	200	132811	38.91	ng	91
69) Pentachlorophenol	11.04	266	62581	29.28	ng	96
70) Phenanthrene	11.26	178	645747	36.49	ng	100
71) Anthracene	11.31	178	746753	42.44	ng	99
72) Carbazole	11.46	167	588373	35.53	ng	99
73) Di-n-butylphthalate	11.81	149	765482	39.74	ng	99
74) Fluoranthene	12.45	202	675291	37.65	ng	93
76) Benzidine	12.56	184	261613	30.06	ng	100
77) Pyrene	12.66	202	592482	40.59	ng	100
79) Butylbenzylphthalate	13.29	149	279073	42.86	ng #	73
80) Benzo(a)anthracene	13.85	228	424666	38.31	ng	99
81) 3,3'-Dichlorobenzidine	13.82	252	161697	38.80	ng #	96
82) Chrysene	13.89	228	404376	36.87	ng	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	361254	48.60	ng #	98
84) Di-n-octyl phthalate	14.47	149	556379	44.06	ng #	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	500689	59.34	ng #	100
87) Benzo(b)fluoranthene	14.88	252	803558	67.16	ng #	96
88) Benzo(k)fluoranthene	14.88	252	803558	77.15	ng	99
89) Benzo(a)pyrene	15.18	252	400427	39.53	ng	99
90) Dibenzo(a,h)anthracene	16.56	278	431081	50.96	ng #	93
91) Benzo(g,h,i)perylene	16.93	276	443712	50.69	ng	98

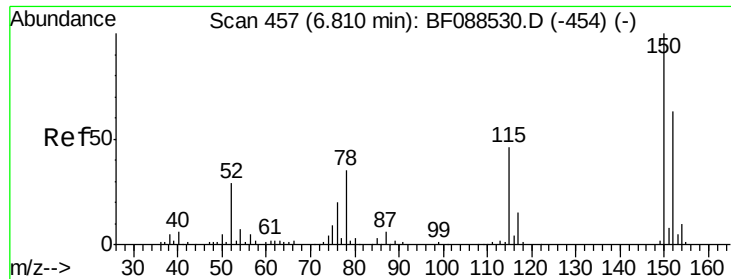
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

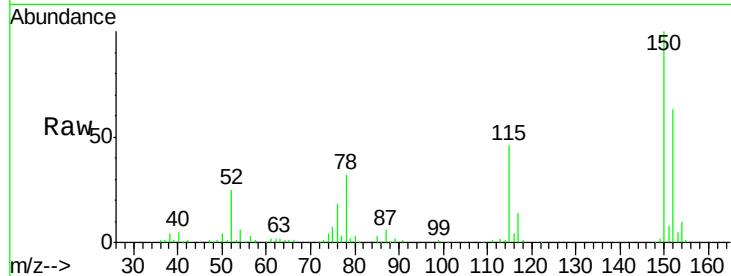
Tgt Ion:152 Resp: 91539

Ion Ratio Lower Upper

152 100

150 159.1 123.8 185.6

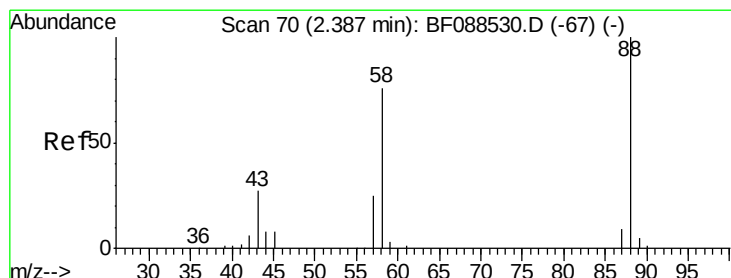
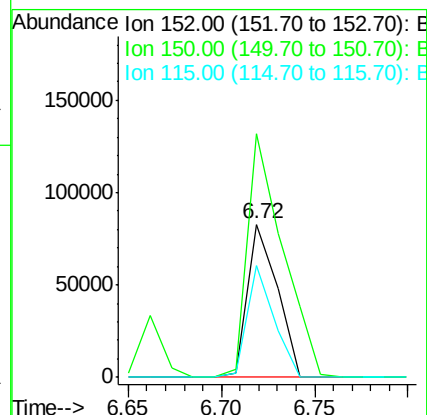
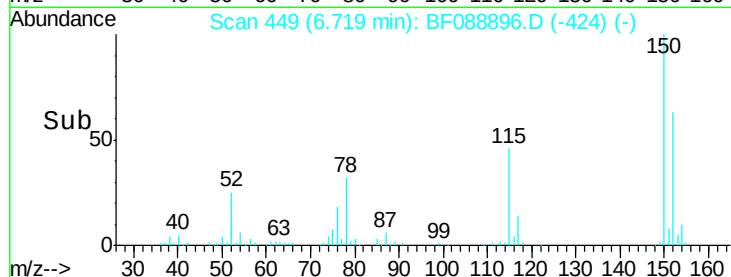
115 73.1 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.91 ng

RT: 2.22 min Scan# 55

Delta R.T. -0.02 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

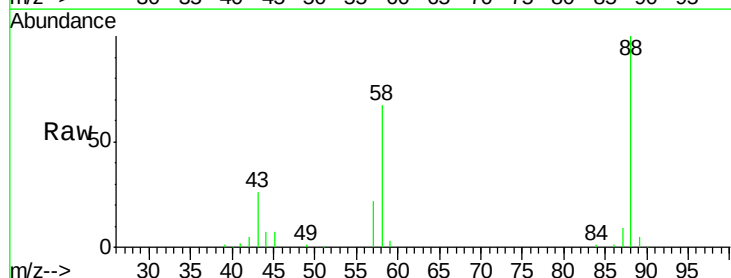
Tgt Ion: 88 Resp: 99656

Ion Ratio Lower Upper

88 100

58 66.6 0.0 0.0#

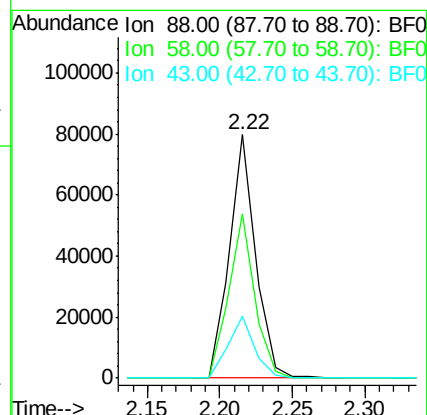
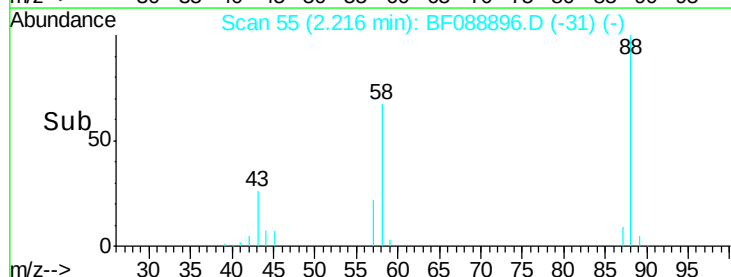
43 25.6 3.4 5.2#

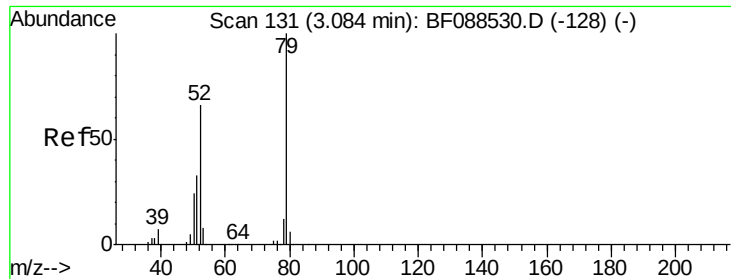


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

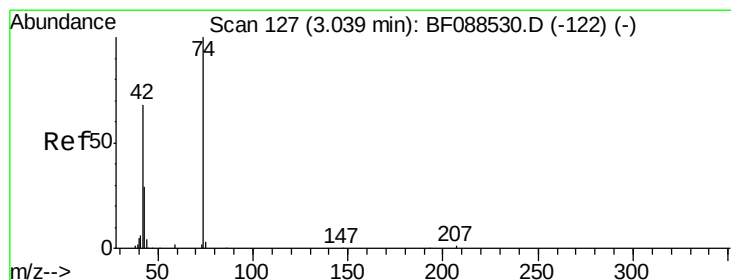
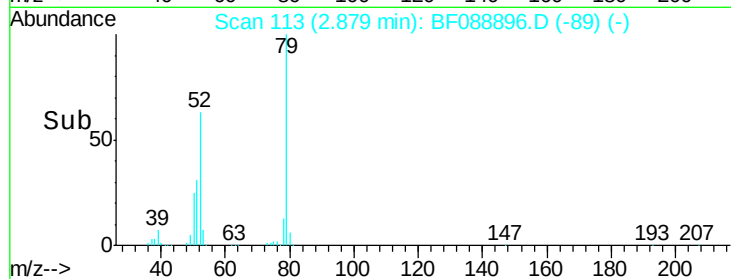
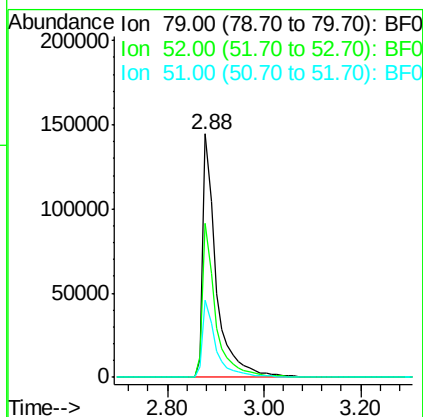
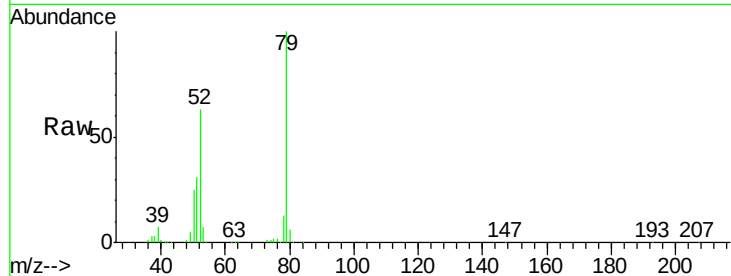




#3
 Pyridine
 Concen: 32.05 ng
 RT: 2.88 min Scan# 113
 Delta R.T. -0.02 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

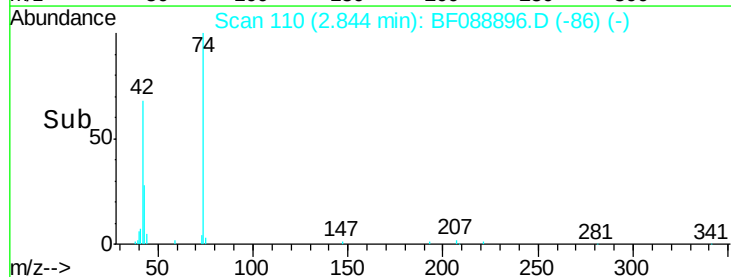
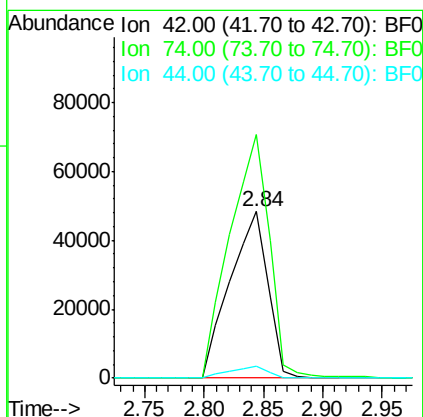
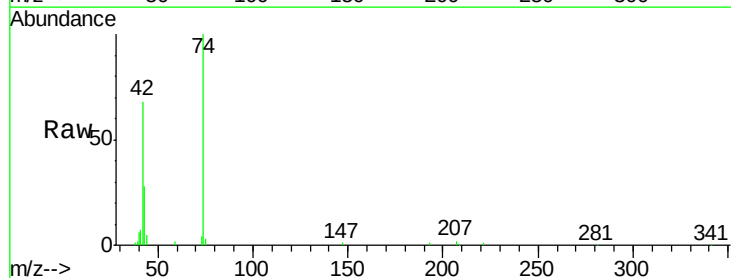
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

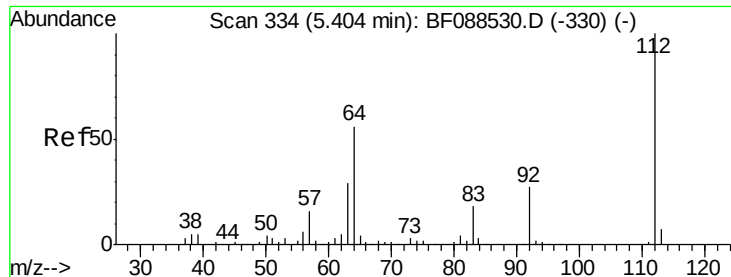
Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.1	56.3	84.5
51	31.5	27.4	41.2



#4
 n-Nitrosodimethylamine
 Concen: 32.27 ng
 RT: 2.84 min Scan# 110
 Delta R.T. -0.02 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
42	100		
74	146.3	108.6	163.0
44	6.8	5.5	8.3





#5

2-Fluorophenol

Concen: 81.28 ng

RT: 5.31 min Scan# 326

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

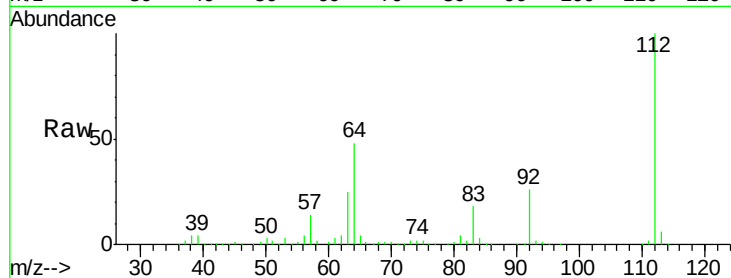
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

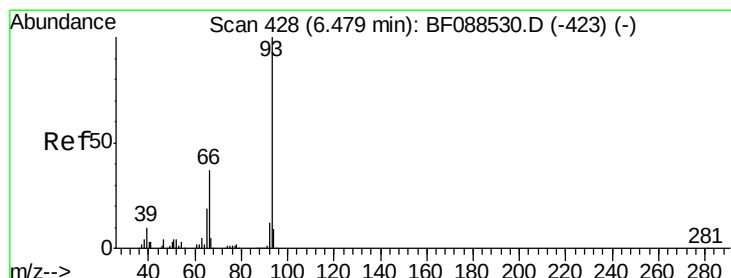
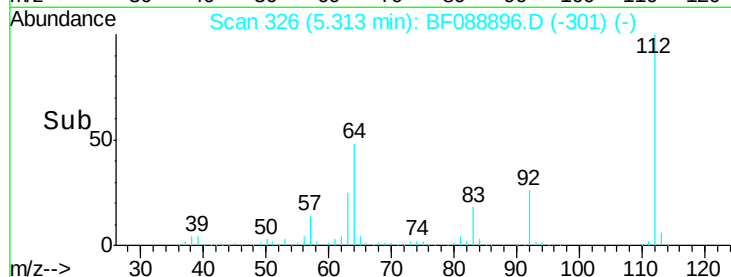
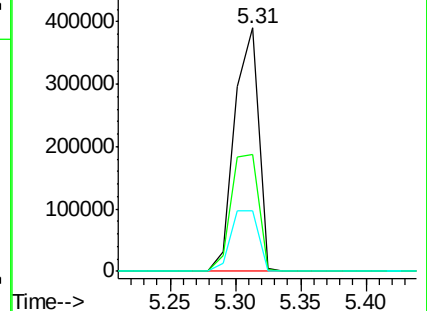
Tgt Ion:	112	Resp:	496476
Ion Ratio	Lower	Upper	
112	100		
64	47.9	42.2	63.2
63	25.0	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 34.43 ng

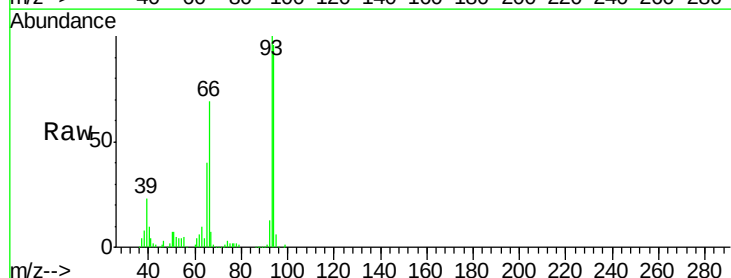
RT: 6.39 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

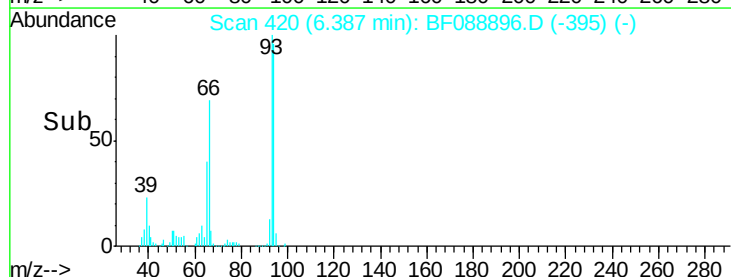
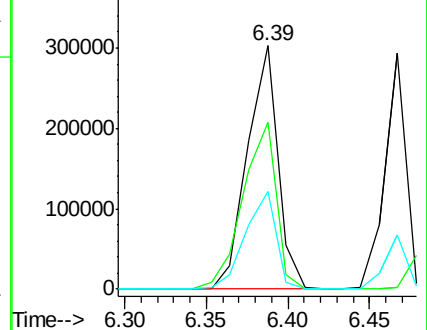
Tgt Ion:	93	Resp:	396018
Ion Ratio	Lower	Upper	
93	100		
66	68.7	29.8	44.8#
65	40.2	14.9	22.3#

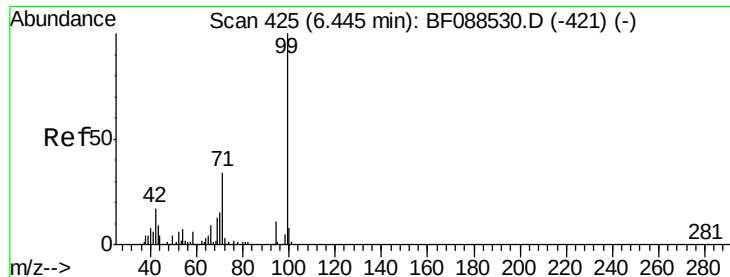


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 77.47 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF088896.D

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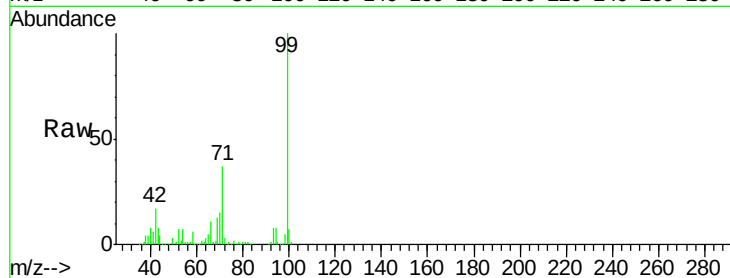
Tgt Ion: 99 Resp: 611436

Ion Ratio Lower Upper

99 100

42 17.3 12.2 18.2

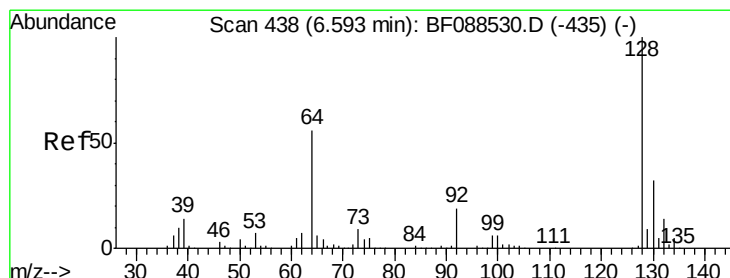
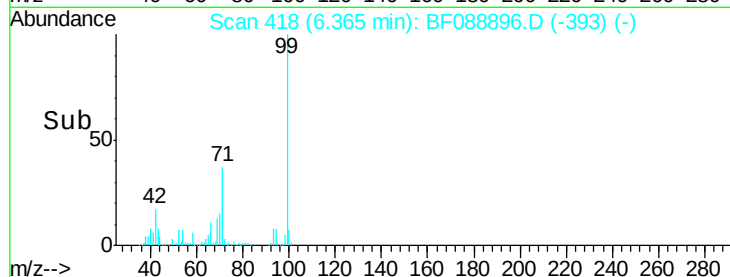
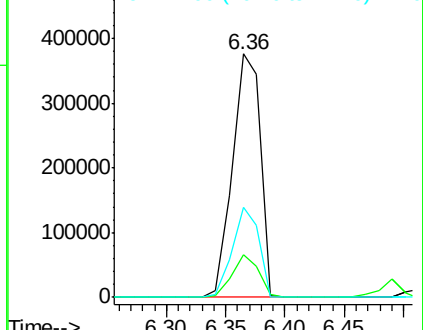
71 37.0 23.4 35.0#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 40.87 ng

RT: 6.51 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

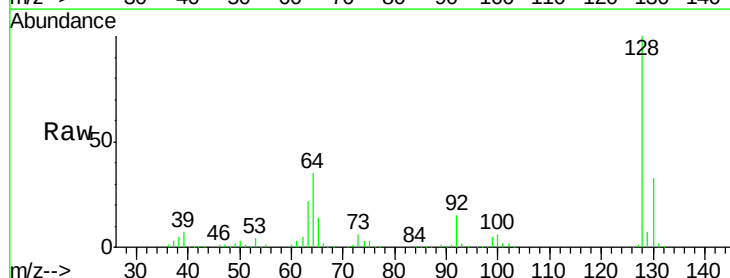
Tgt Ion: 128 Resp: 268301

Ion Ratio Lower Upper

128 100

130 33.0 12.0 52.0

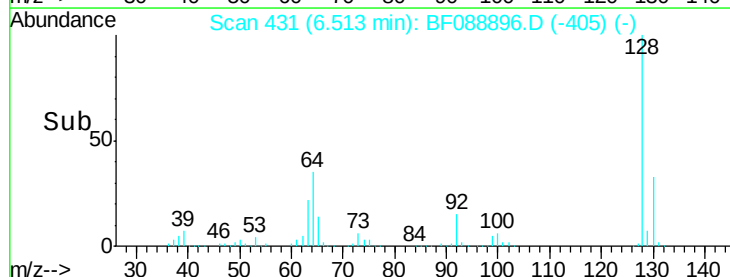
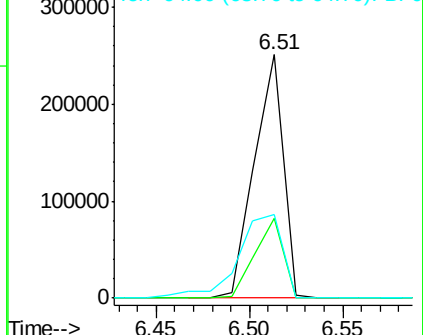
64 34.5 30.8 70.8

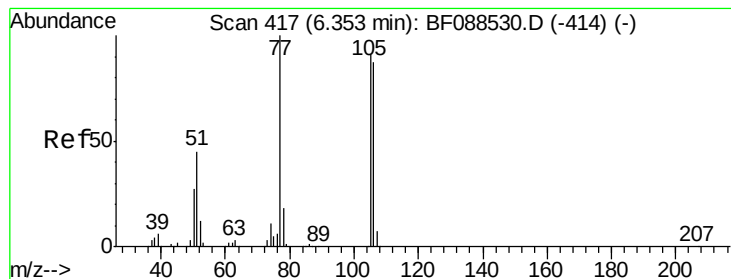


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 31.01 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.01 min

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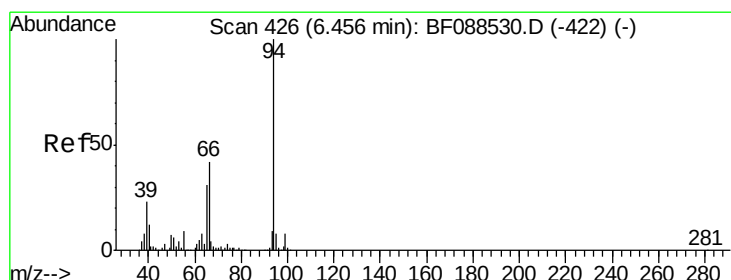
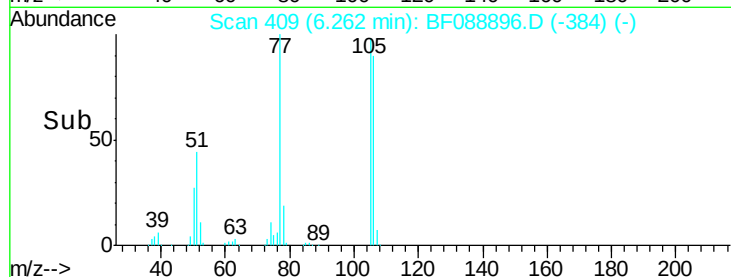
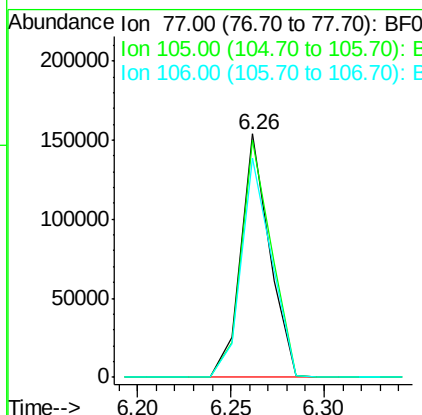
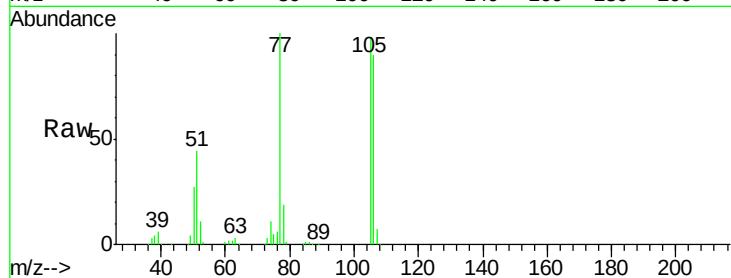
Tgt Ion: 77 Resp: 165752

Ion Ratio Lower Upper

77 100

105 97.5 90.6 130.6

106 90.2 85.3 125.3



#10

Phenol

Concen: 36.87 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

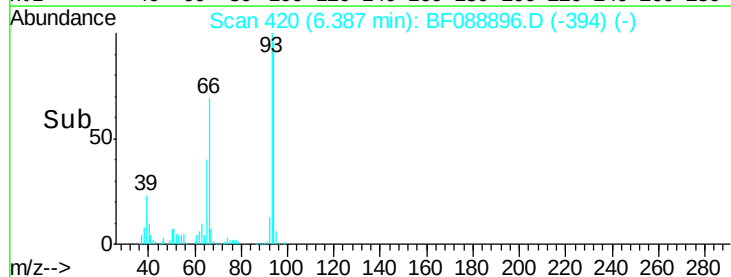
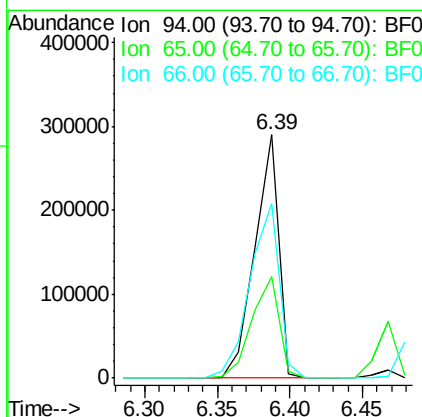
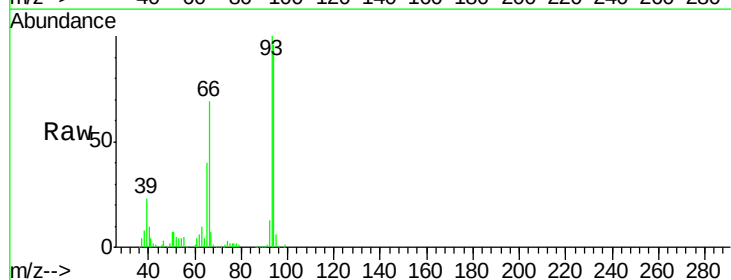
Tgt Ion: 94 Resp: 332069

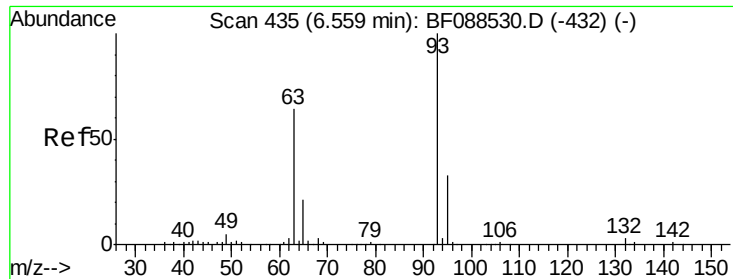
Ion Ratio Lower Upper

94 100

65 41.9 5.9 45.9

66 71.7 14.0 54.0#

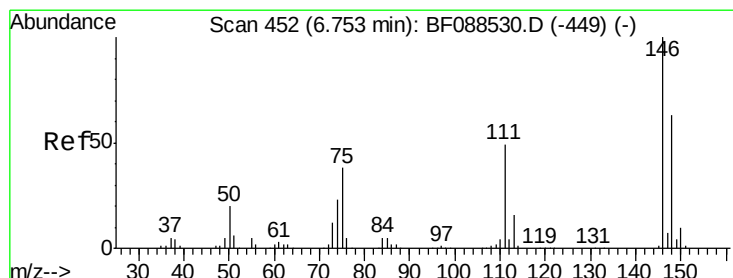
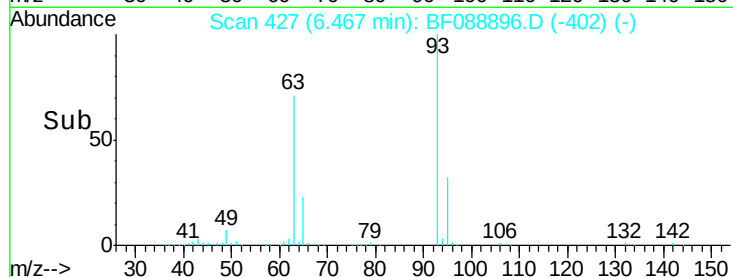
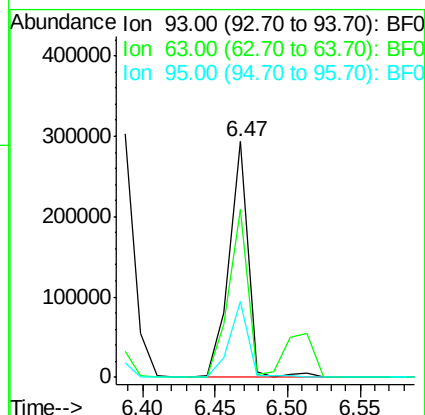
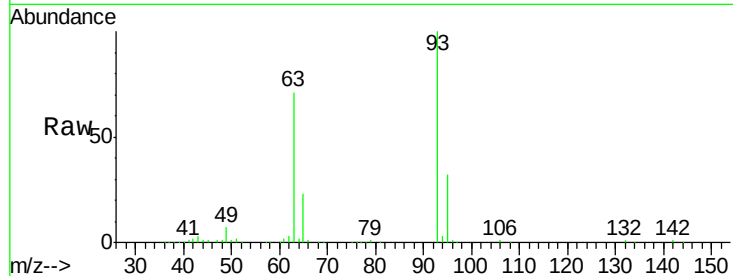




#11
bis(2-Chloroethyl)ether
Concen: 40.03 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

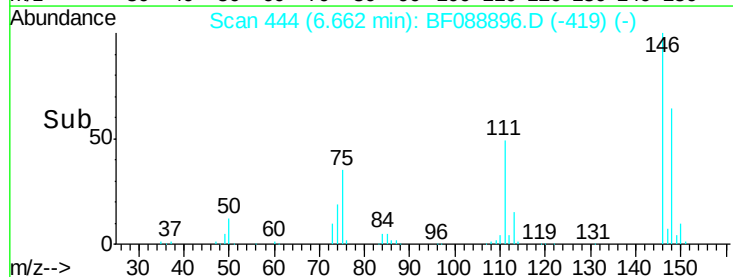
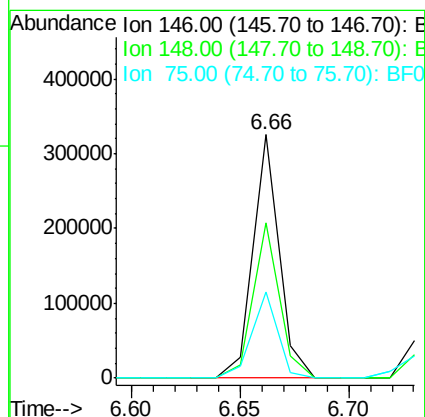
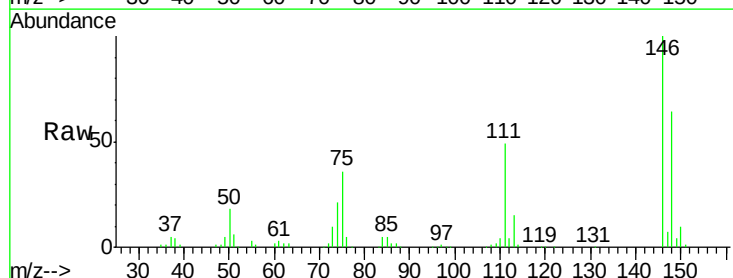
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

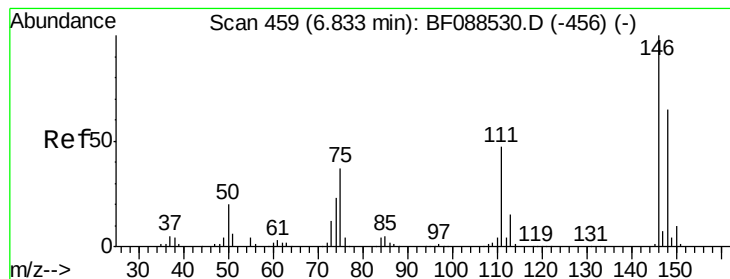
Tgt Ion: 93 Resp: 268854
Ion Ratio Lower Upper
93 100
63 71.2 67.6 107.6
95 32.0 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 37.73 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion: 146 Resp: 272567
Ion Ratio Lower Upper
146 100
148 63.8 50.9 76.3
75 35.7 25.6 38.4





#13

1,4-Dichlorobenzene

Concen: 41.77 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

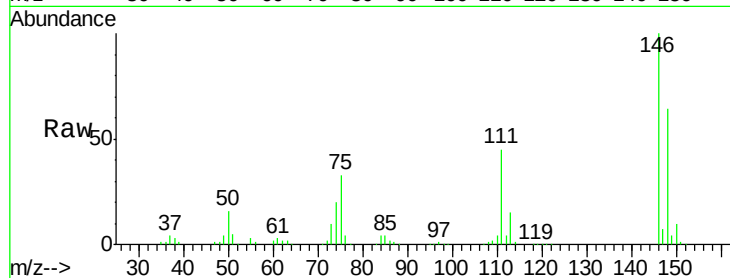
Tgt Ion:146 Resp: 299525

Ion Ratio Lower Upper

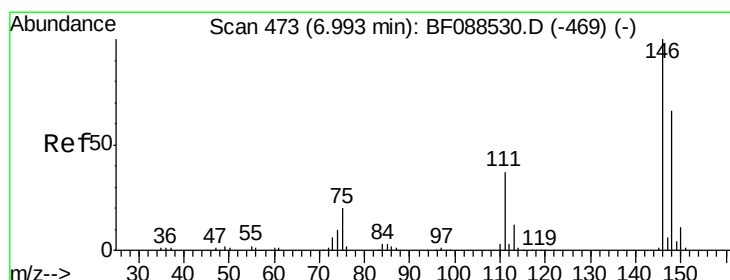
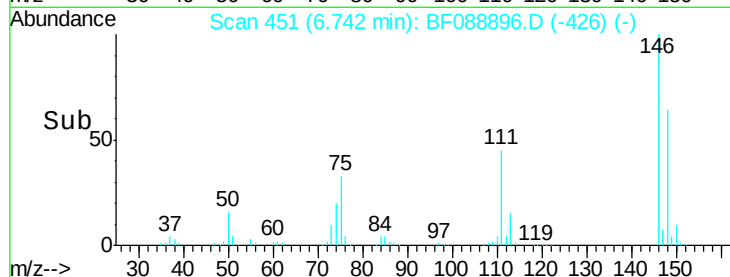
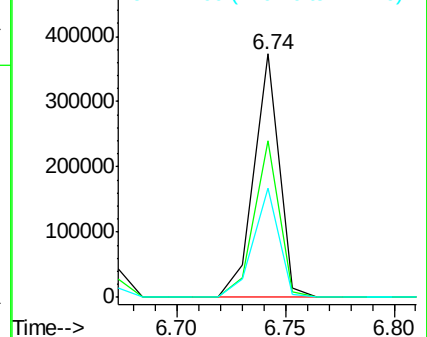
146 100

148 64.4 52.0 78.0

111 45.1 33.8 50.8



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



#14

1,2-Dichlorobenzene

Concen: 38.51 ng

RT: 6.90 min Scan# 465

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

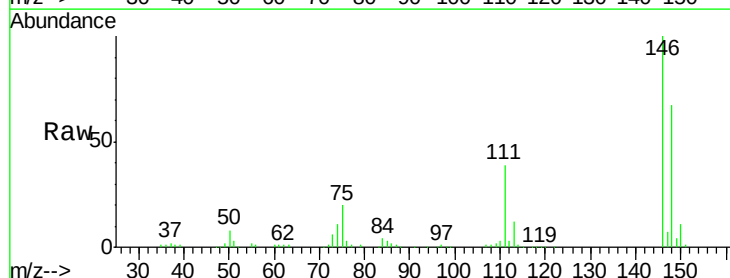
Tgt Ion:146 Resp: 258424

Ion Ratio Lower Upper

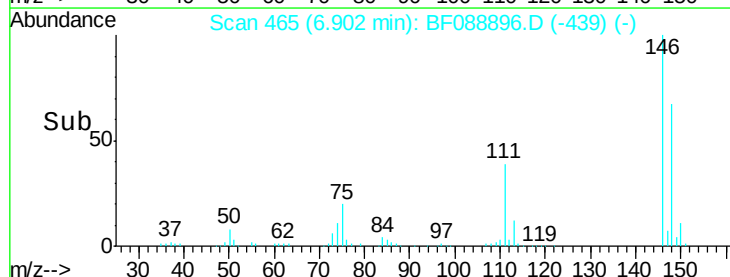
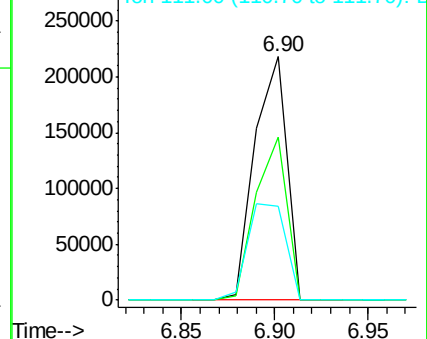
146 100

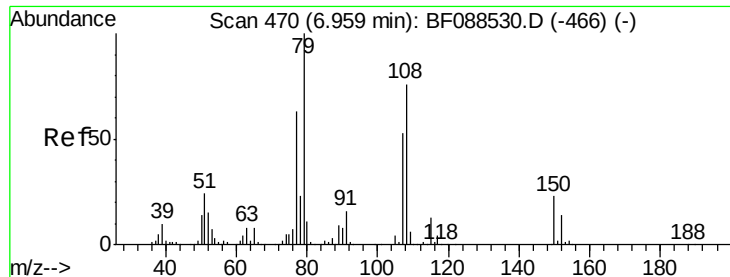
148 66.7 52.3 78.5

111 38.6 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: 38.27 ng

RT: 6.87 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

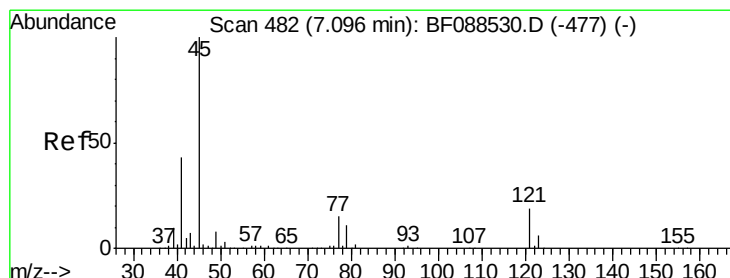
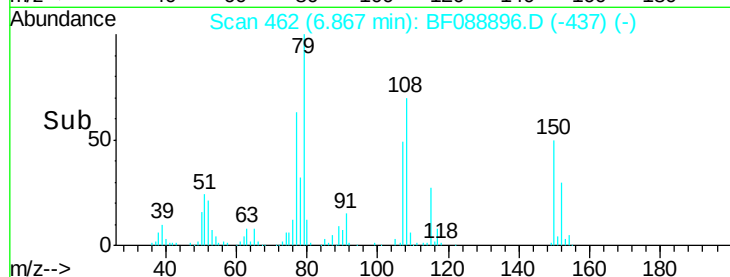
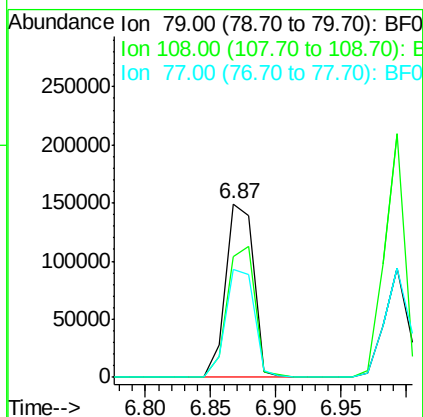
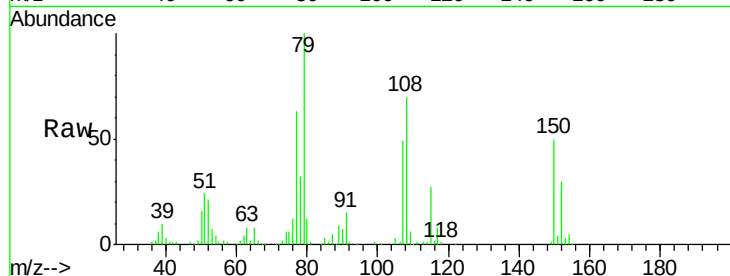
Tgt Ion: 79 Resp: 222319

Ion Ratio Lower Upper

79 100

108 69.7 65.0 97.6

77 62.6 50.3 75.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.65 ng

RT: 7.02 min Scan# 475

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

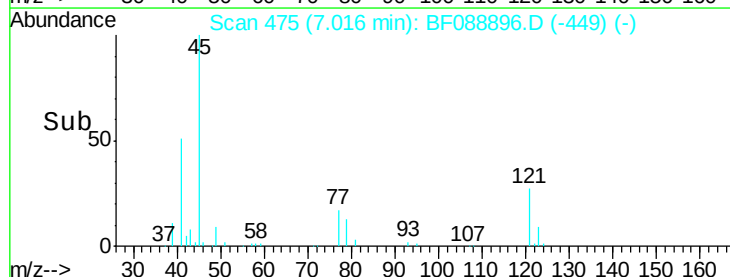
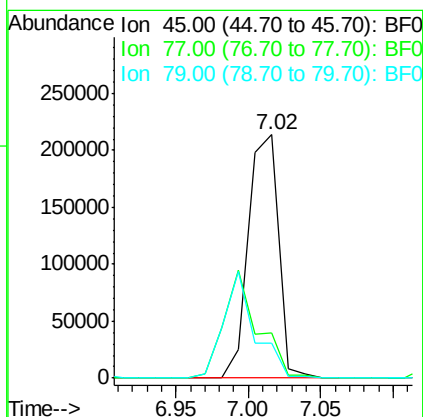
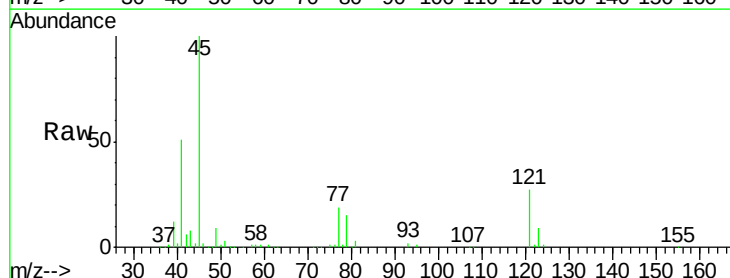
Tgt Ion: 45 Resp: 307878

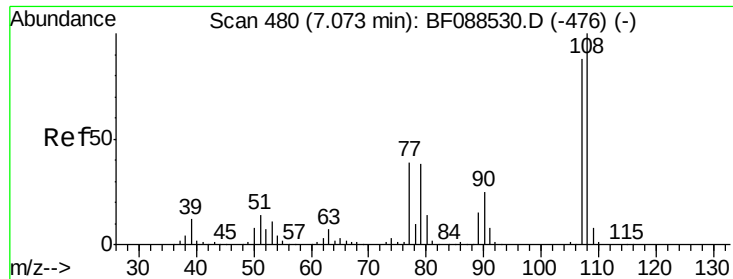
Ion Ratio Lower Upper

45 100

77 18.7 0.0 32.5

79 14.6 0.0 29.5





#17

2-Methylphenol

Concen: 38.33 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:107 Resp: 205274

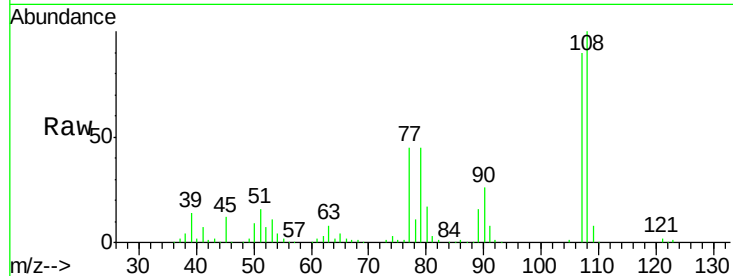
Ion Ratio Lower Upper

107 100

108 111.3 90.9 136.3

77 50.1 36.6 55.0

79 49.7 36.5 54.7

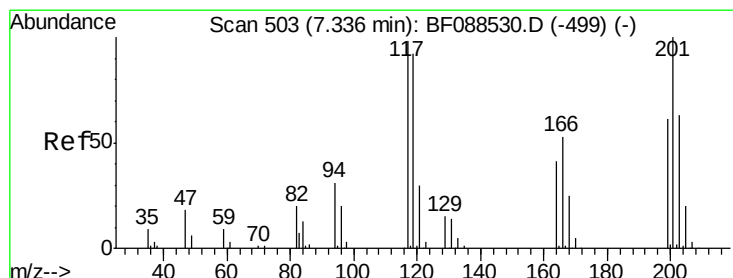
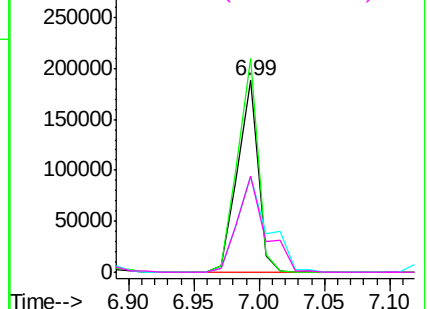
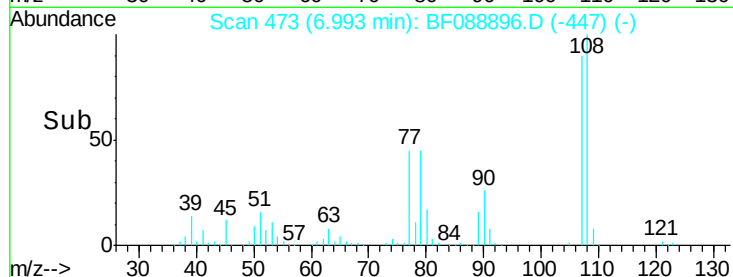


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.13 ng

RT: 7.23 min Scan# 494

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

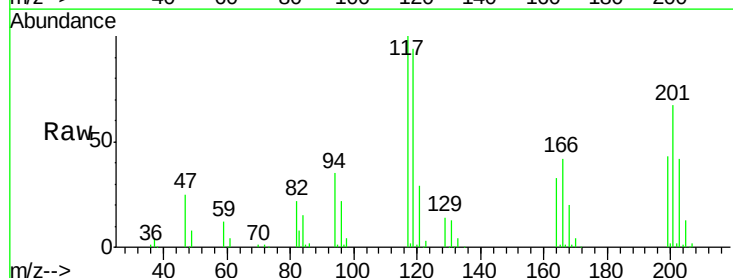
Tgt Ion:117 Resp: 105741

Ion Ratio Lower Upper

117 100

119 94.2 77.4 116.2

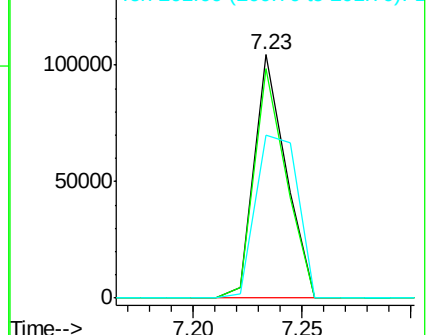
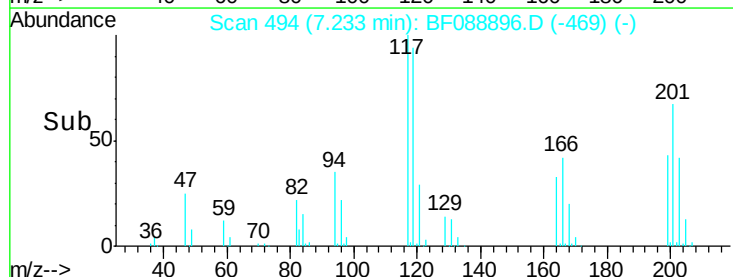
201 66.9 80.4 120.6#

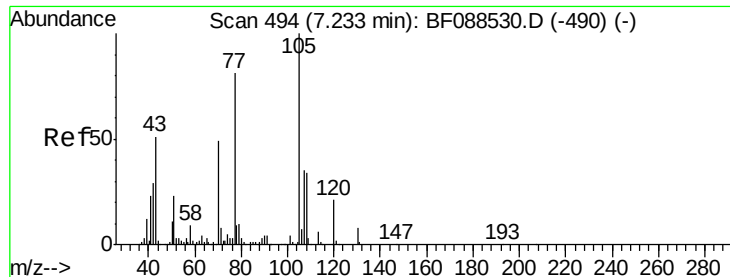


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

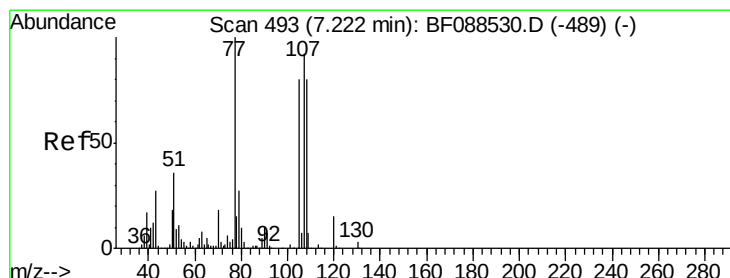
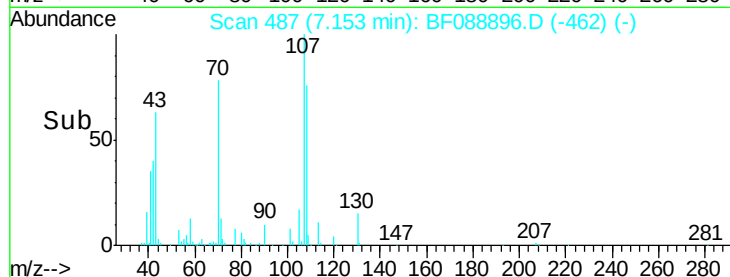
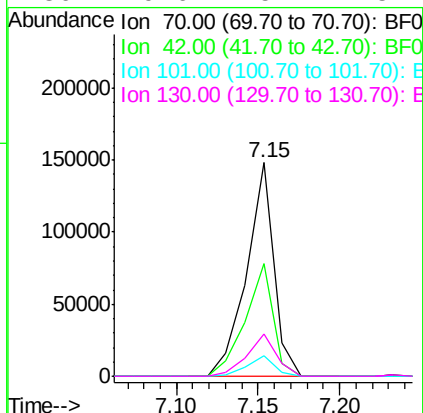
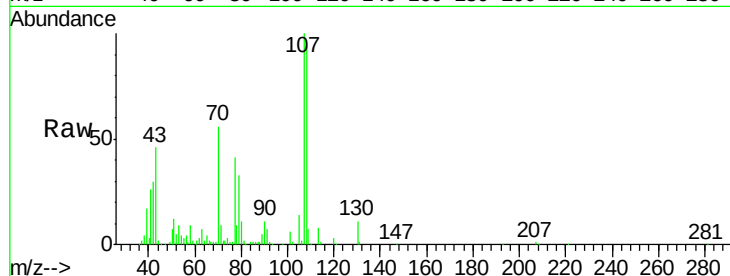




#19
n-Nitroso-di-n-propylamine
Concen: 32.45 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

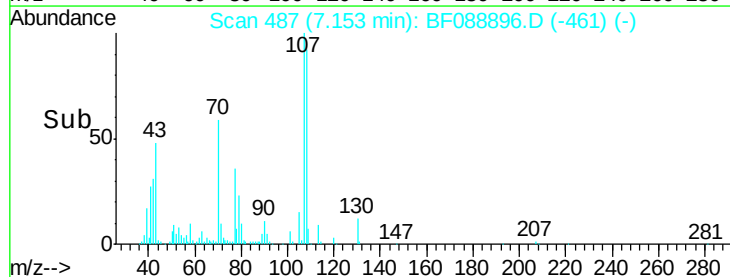
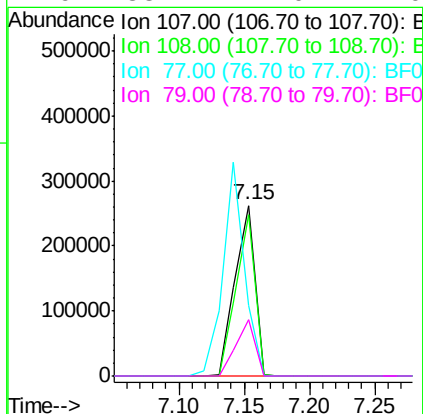
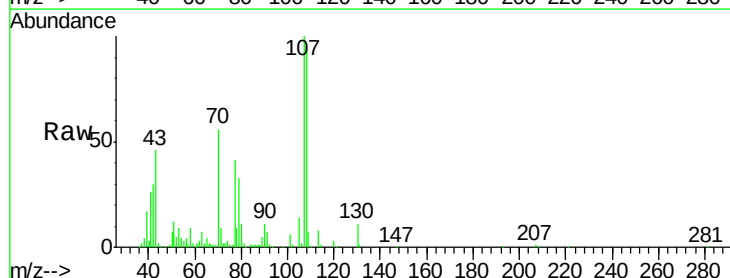
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

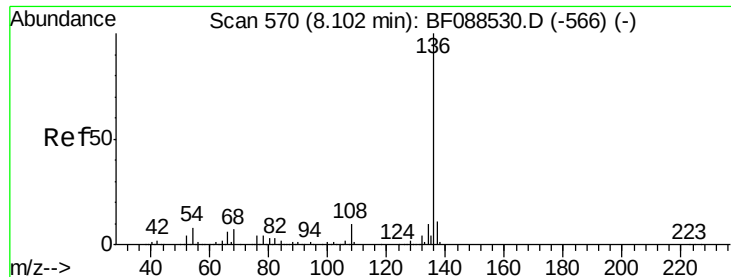
Tgt Ion: 70 Resp: 172017
Ion Ratio Lower Upper
70 100
42 52.6 49.6 74.4
101 9.9 7.1 10.7
130 19.6 15.4 23.2



#20
3+4-Methylphenols
Concen: 43.12 ng
RT: 7.15 min Scan# 487
Delta R.T. 0.00 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:107 Resp: 277139
Ion Ratio Lower Upper
107 100
108 94.2 67.8 107.8
77 41.0 59.3 99.3#
79 33.1 7.0 47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 385822

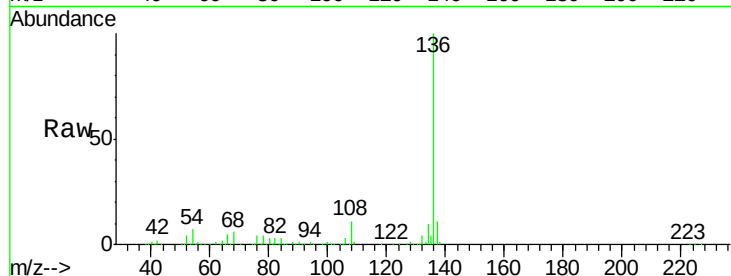
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.2 6.6 10.0

68 5.7 5.1 7.7

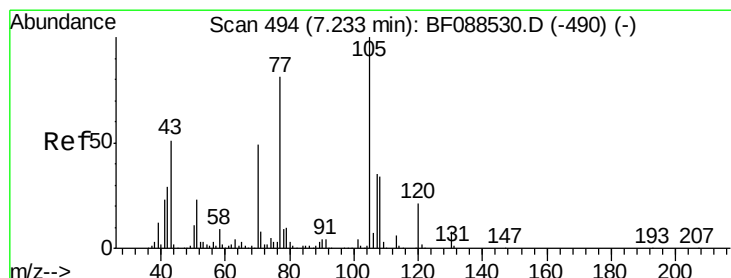
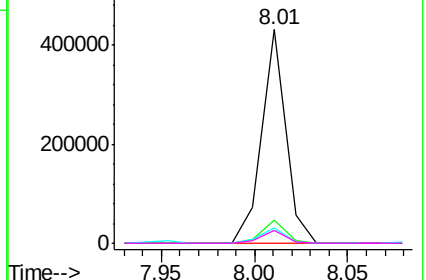
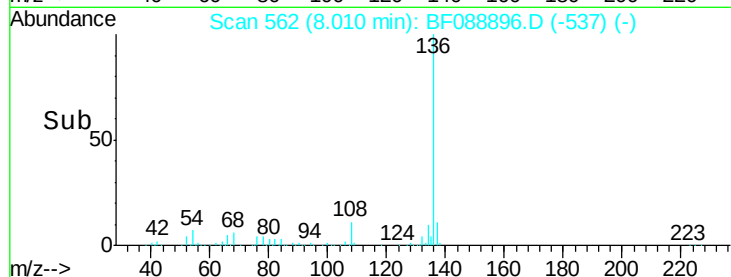


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.40 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Tgt Ion:105 Resp: 359626

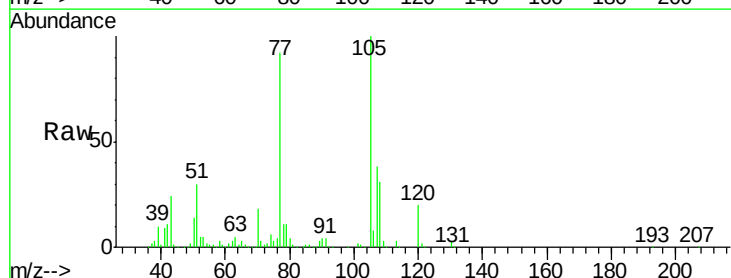
Ion Ratio Lower Upper

105 100

71 3.1 5.3 7.9#

51 29.9 18.2 27.4#

120 20.2 18.0 27.0

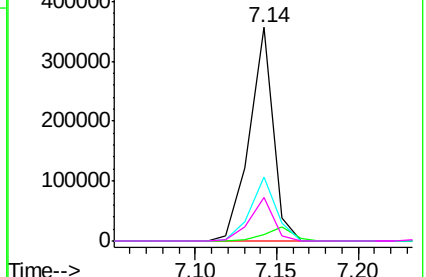
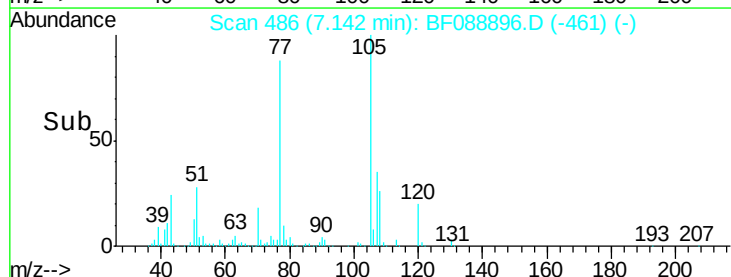


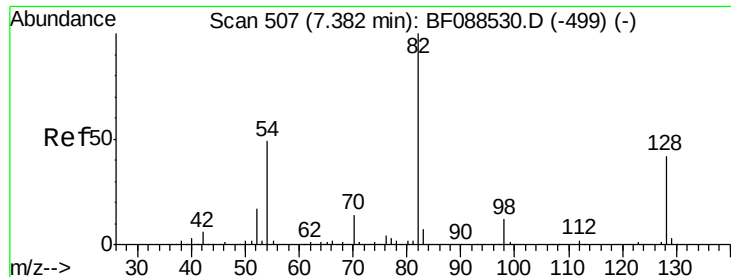
Abundance Ion 105.00 (104.70 to 105.70): E

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

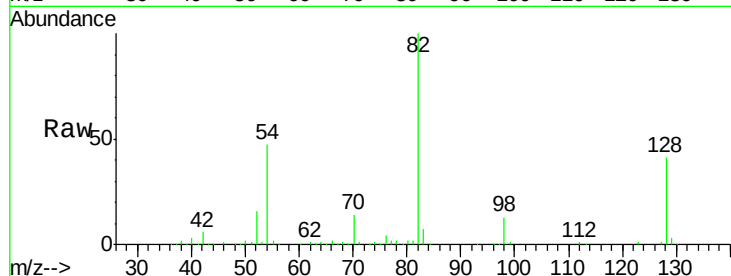




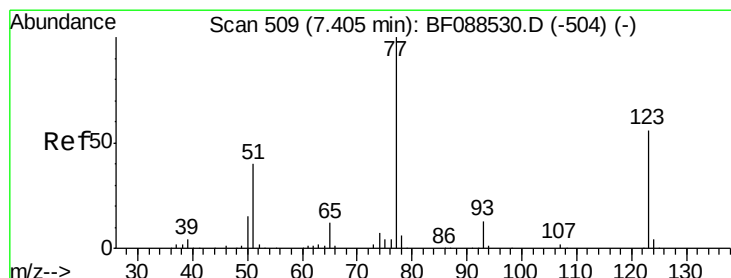
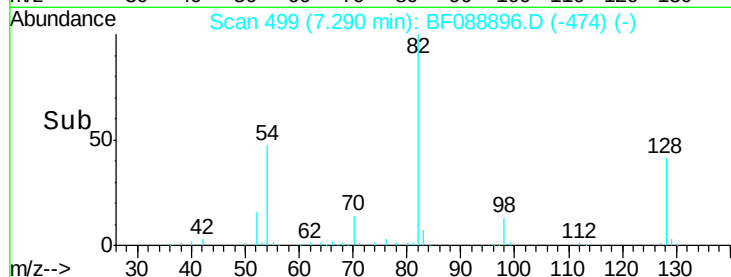
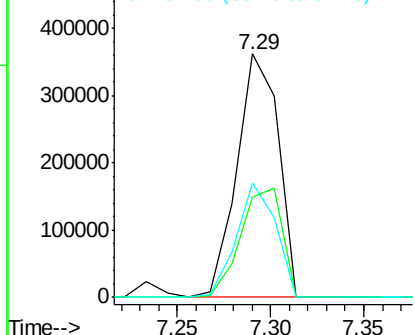
#23
 Nitrobenzene-d5
 Concen: 75.38 ng
 RT: 7.29 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.4	35.9	53.9
54	46.8	40.9	61.3

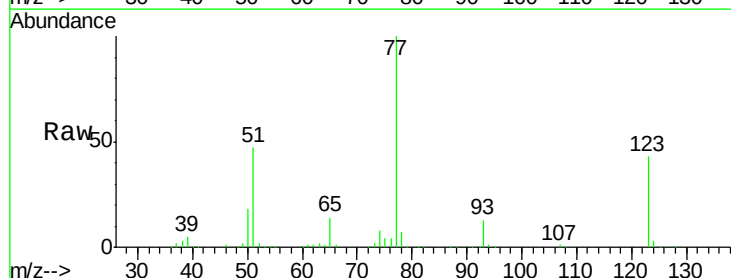


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

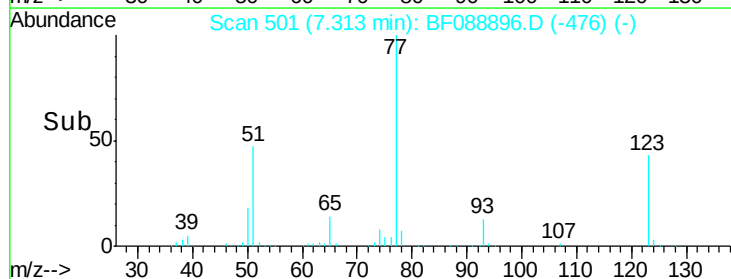
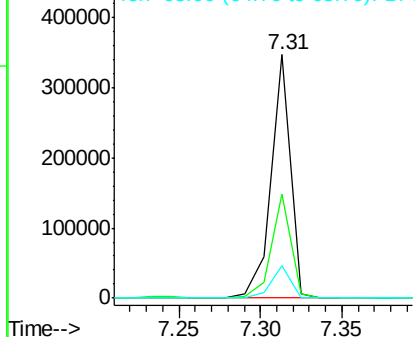


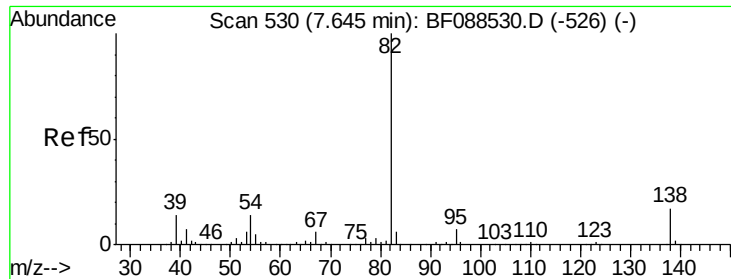
#24
 Nitrobenzene
 Concen: 38.84 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.0	45.0	67.4#
65	13.5	10.2	15.2



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





#25

Isophorone

Concen: 36.95 ng

RT: 7.55 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

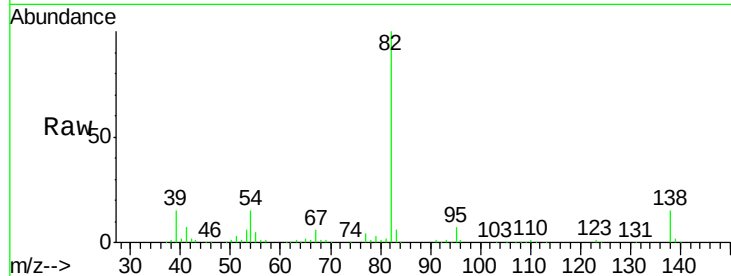
Tgt Ion: 82 Resp: 503890

Ion Ratio Lower Upper

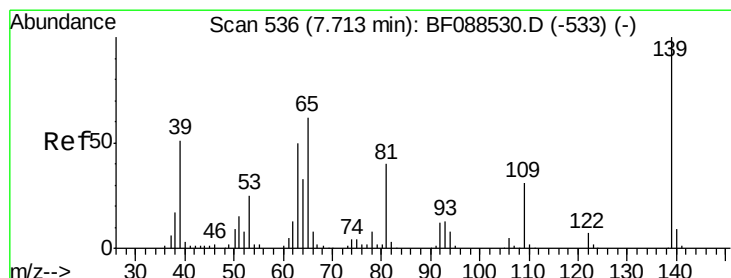
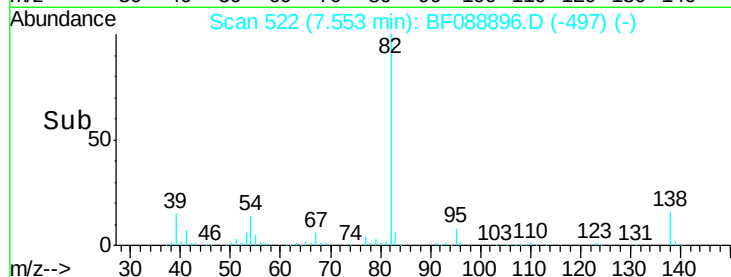
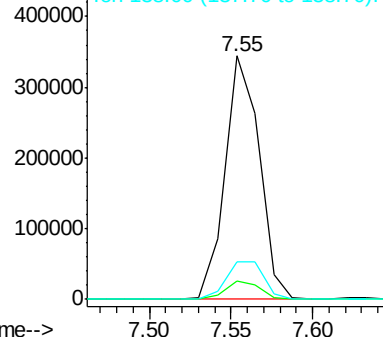
82 100

95 7.5 5.4 8.2

138 15.5 14.6 21.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.52 ng

RT: 7.63 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

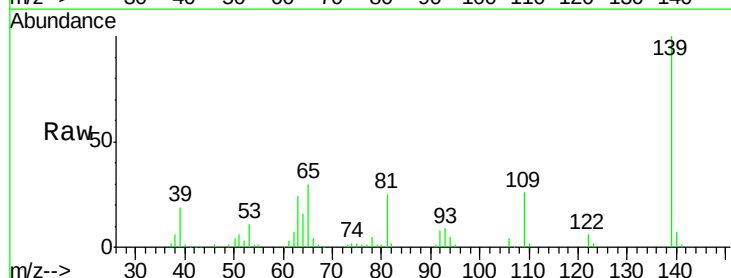
Tgt Ion: 139 Resp: 132481

Ion Ratio Lower Upper

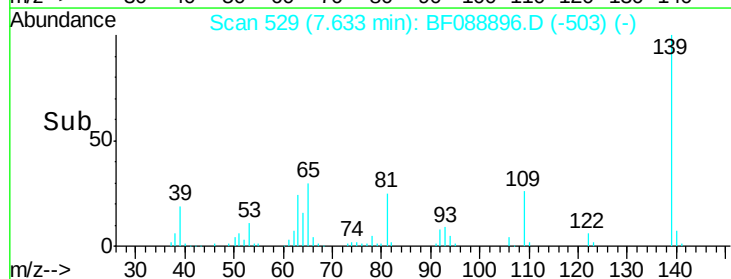
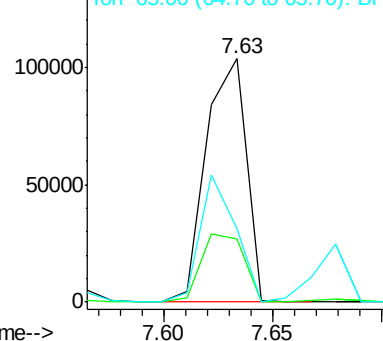
139 100

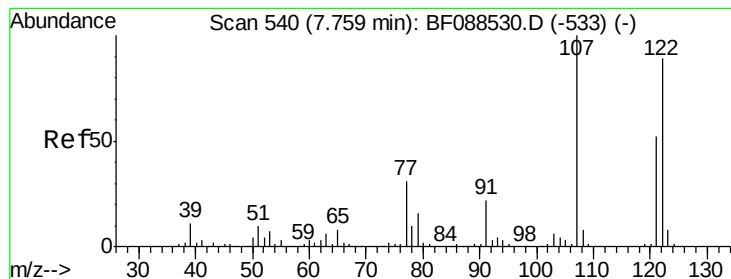
109 25.8 23.0 34.4

65 30.2 45.8 68.8#



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





#27

2,4-Dimethylphenol

Concen: 40.81 ng

RT: 7.68 min Scan# 533

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

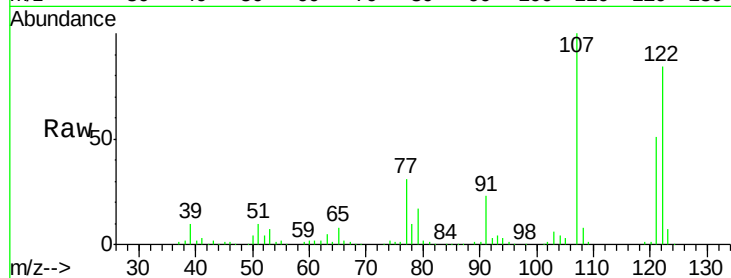
Tgt Ion:122 Resp: 258758

Ion Ratio Lower Upper

122 100

107 118.6 82.4 123.6

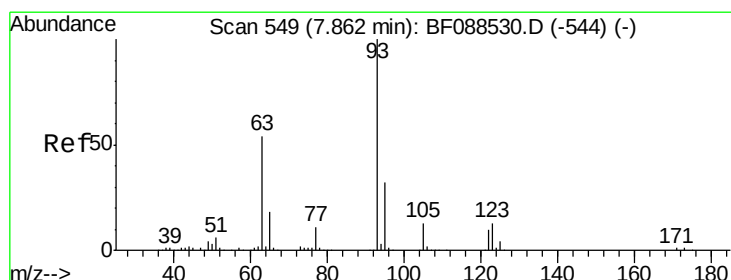
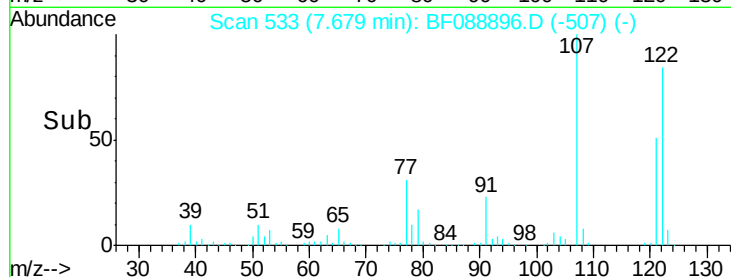
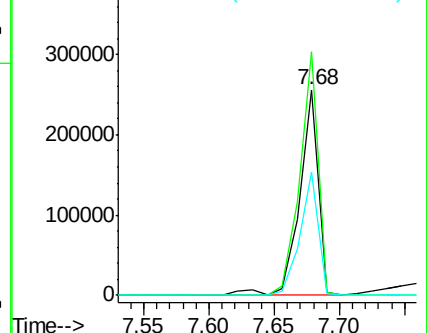
121 59.9 46.3 69.5



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.02 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

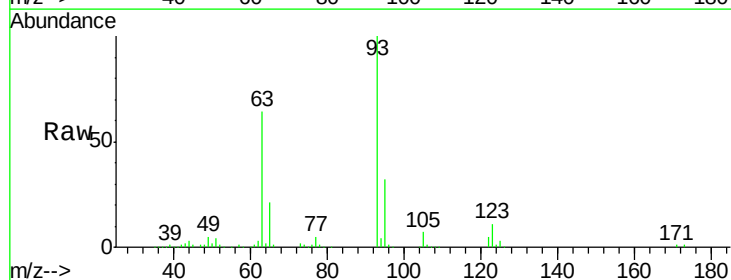
Tgt Ion: 93 Resp: 319647

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

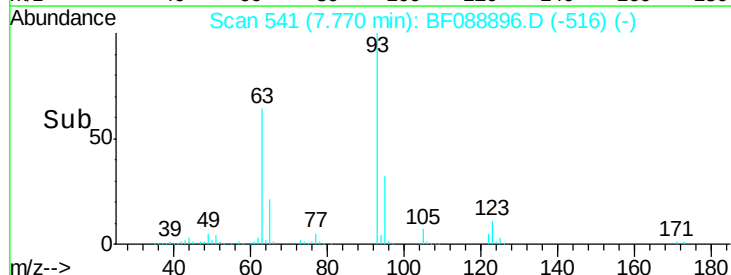
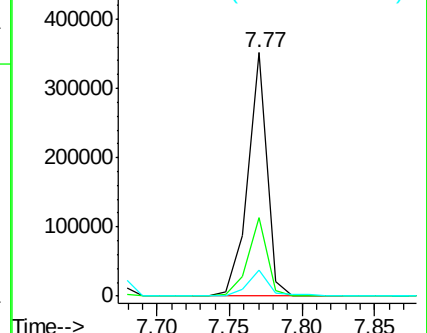
123 10.7 11.6 17.4#

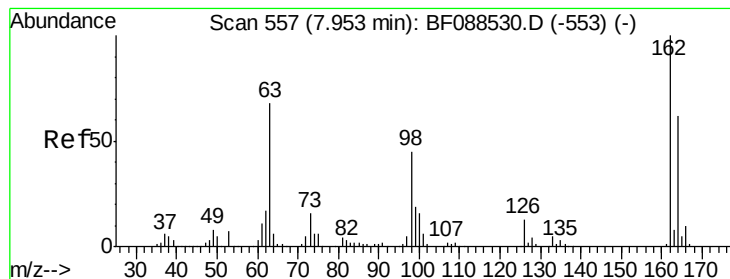


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.01 ng

RT: 7.87 min Scan# 550

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

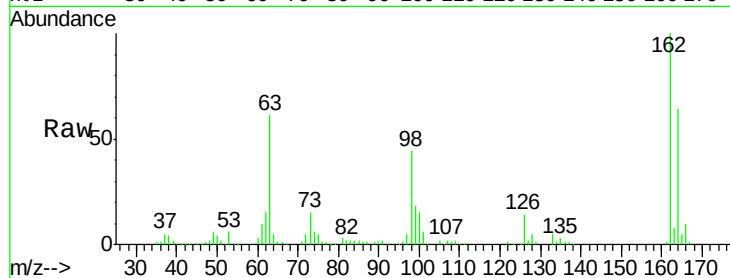
Tgt Ion:162 Resp: 210134

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

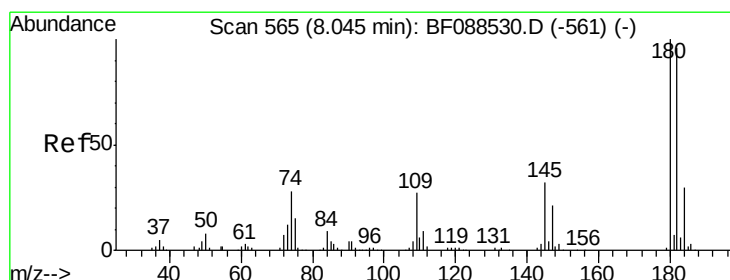
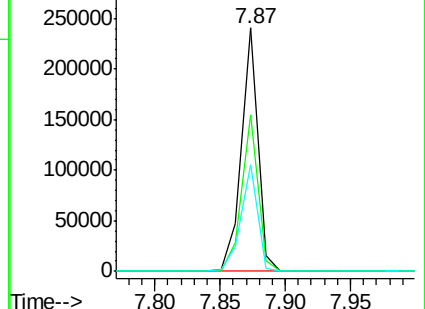
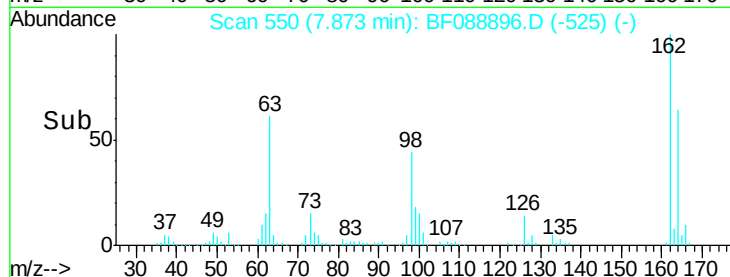
98 43.7 21.3 61.3



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: 39.66 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

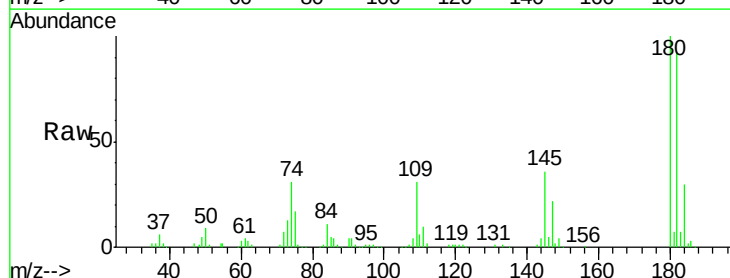
Tgt Ion:180 Resp: 222998

Ion Ratio Lower Upper

180 100

182 93.4 76.0 114.0

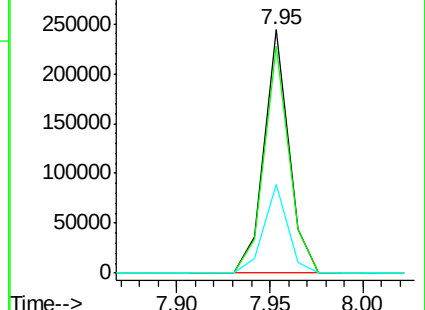
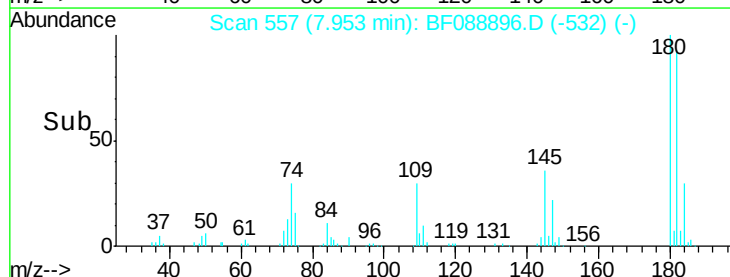
145 36.2 26.5 39.7

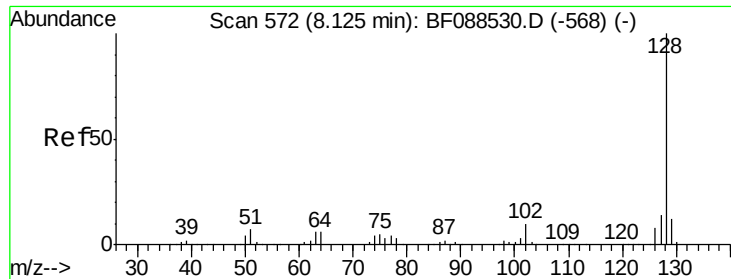


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

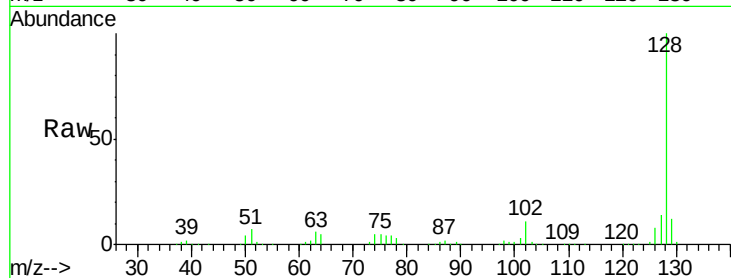




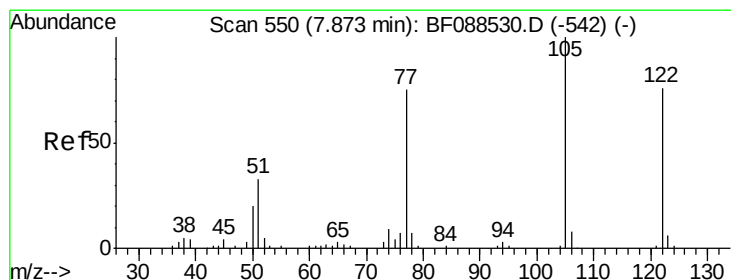
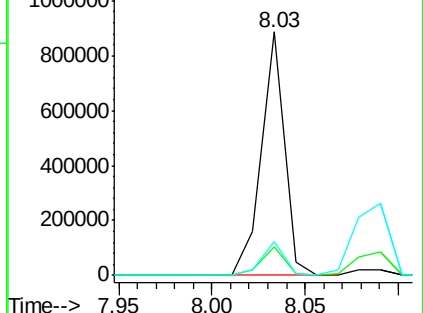
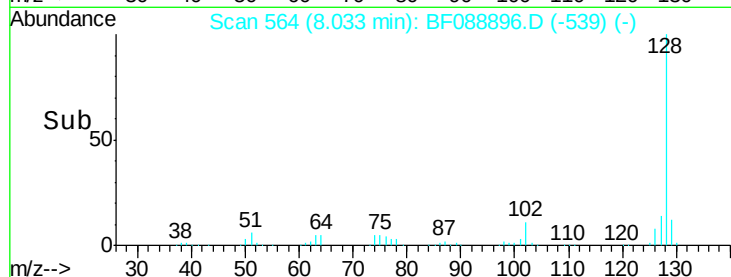
#31
Naphthalene
Concen: 39.68 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:128 Resp: 754695
Ion Ratio Lower Upper
128 100
129 11.5 9.4 14.2
127 13.9 10.9 16.3

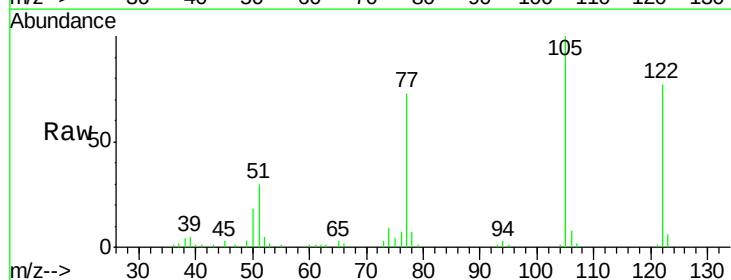


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

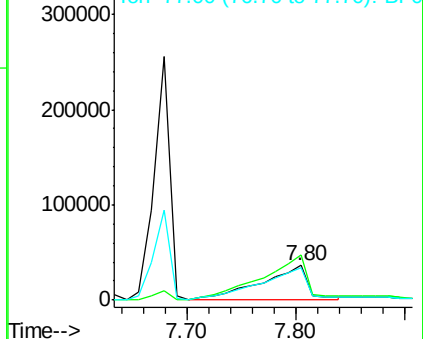
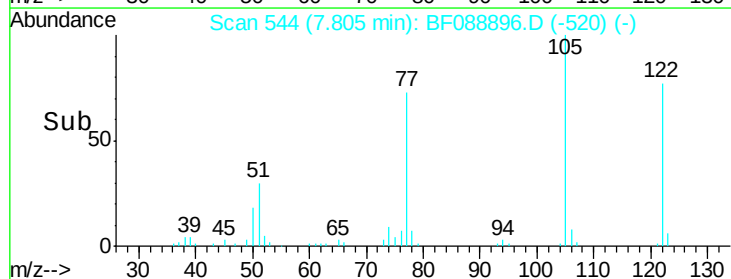


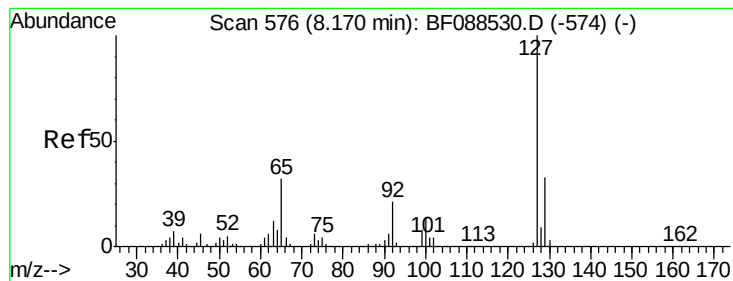
#32
Benzoic acid
Concen: 22.39 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:122 Resp: 103050
Ion Ratio Lower Upper
122 100
105 130.6 101.6 141.6
77 95.7 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: 40.52 ng

RT: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

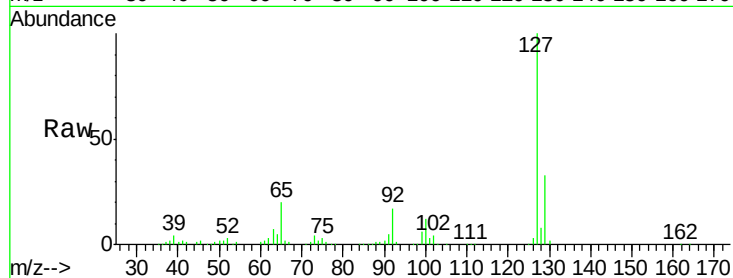
Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:	127	Resp:	342939
Ion	Ratio	Lower	Upper
127	100		
129	33.4	26.3	39.5
65	20.5	24.7	37.1#
92	16.9	15.4	23.0

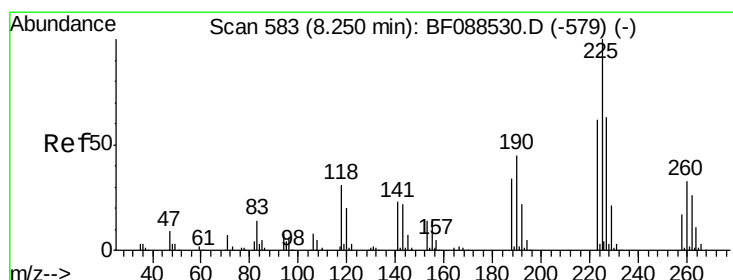
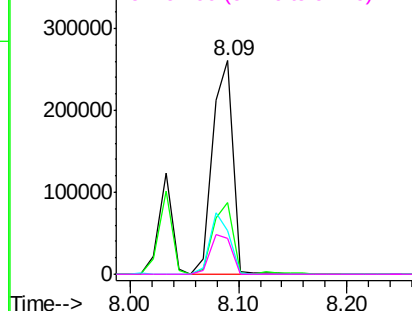
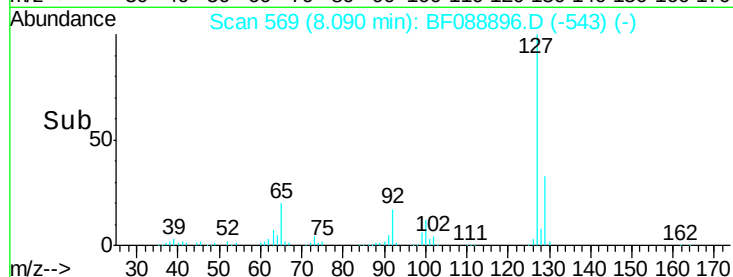


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 45.99 ng

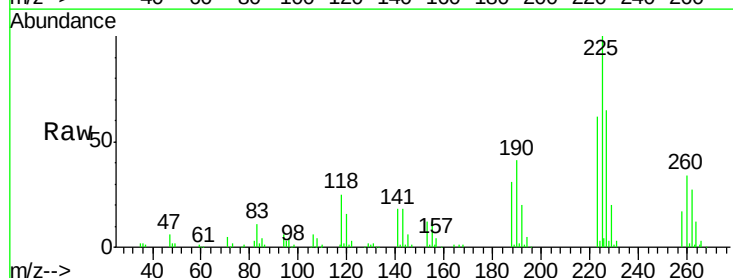
RT: 8.16 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

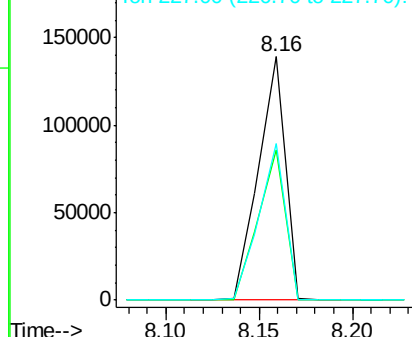
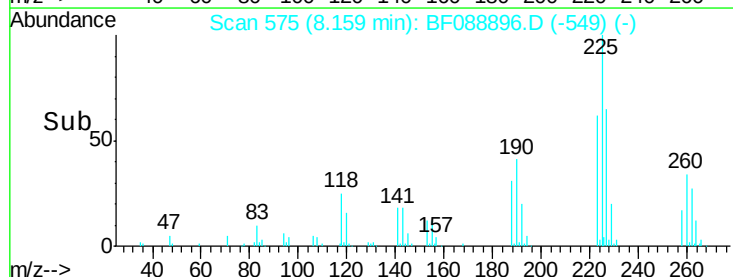
Tgt Ion:	225	Resp:	138462
Ion	Ratio	Lower	Upper
225	100		
223	61.5	50.9	76.3
227	64.6	51.9	77.9

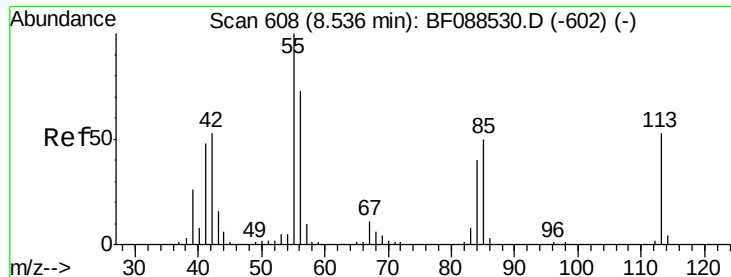


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 38.60 ng

RT: 8.47 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

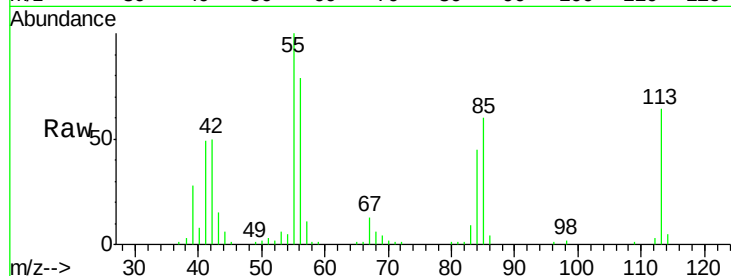
Tgt Ion:113 Resp: 67174

Ion Ratio Lower Upper

113 100

55 155.3 158.6 198.6#

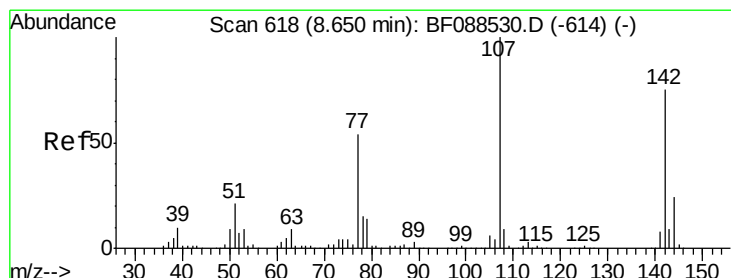
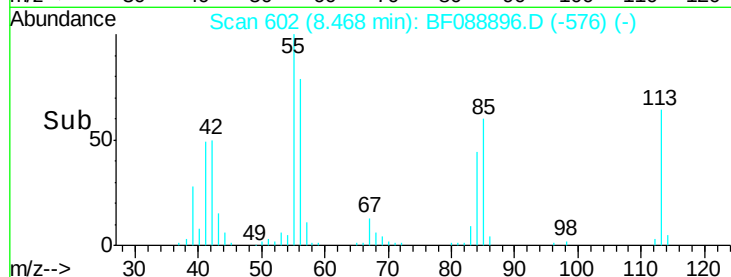
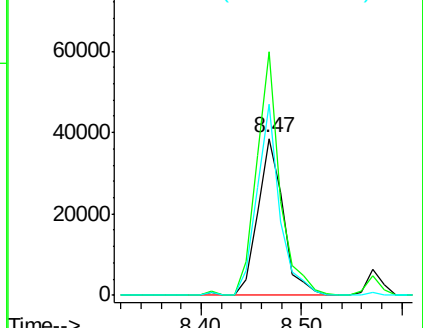
56 122.0 110.6 150.6



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: 37.84 ng

RT: 8.57 min Scan# 611

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

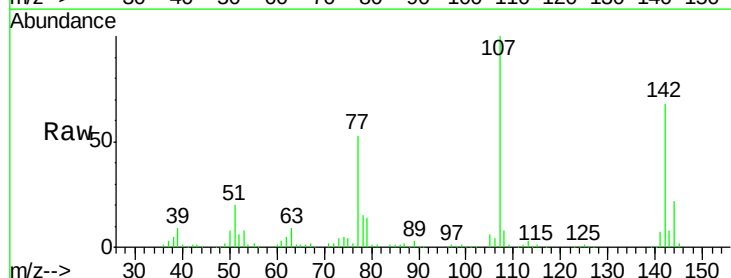
Tgt Ion:107 Resp: 229264

Ion Ratio Lower Upper

107 100

144 21.7 20.8 31.2

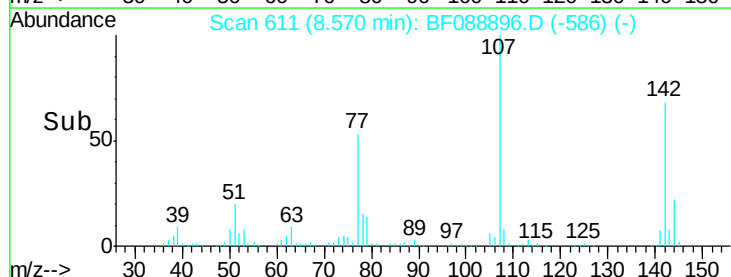
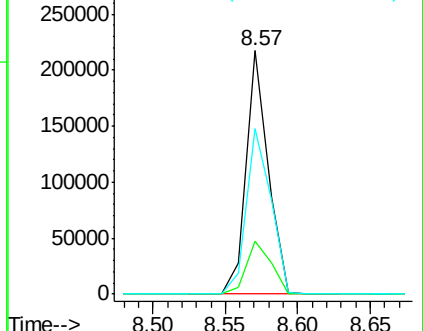
142 67.9 63.4 95.2

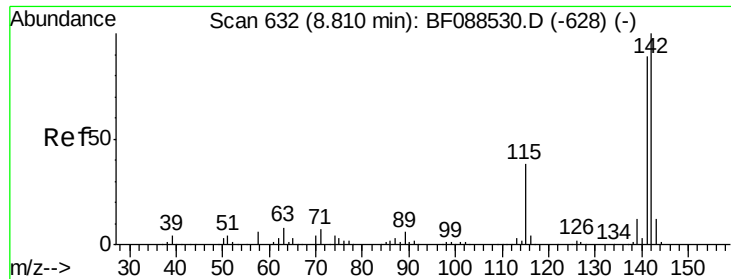


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

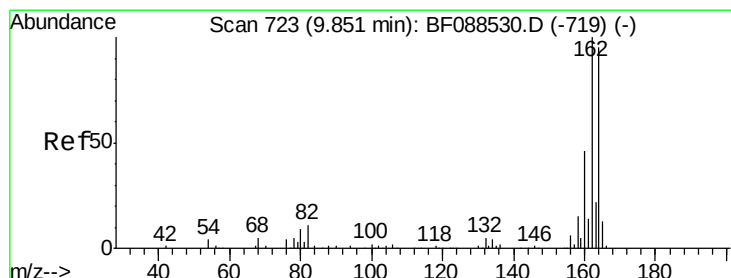
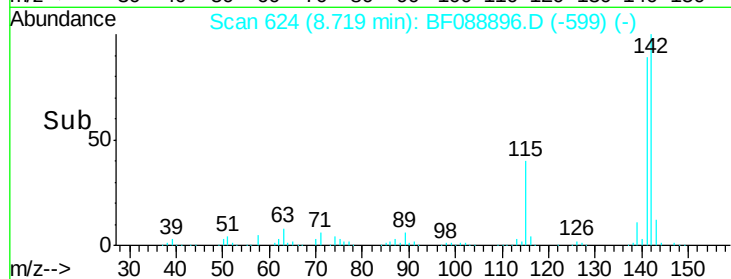
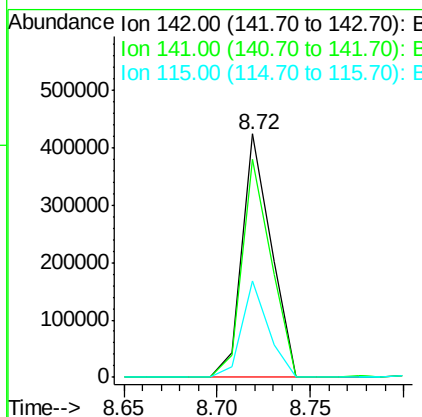
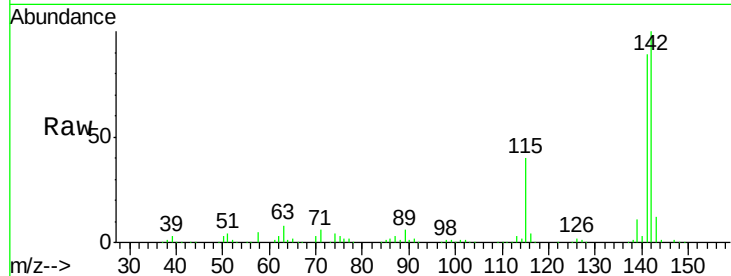




#37
 2-Methylnaphthalene
 Concen: 37.49 ng
 RT: 8.72 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

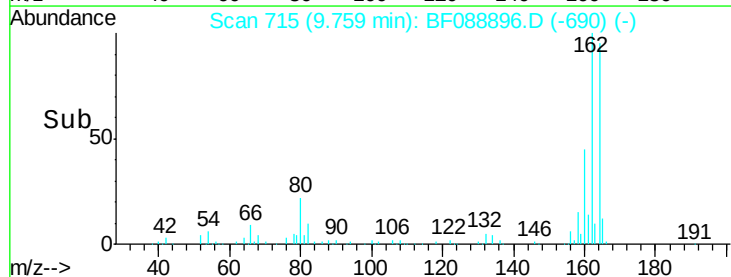
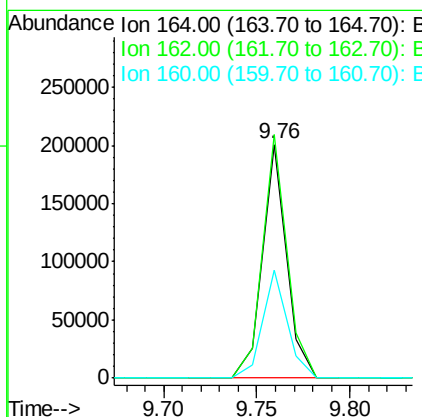
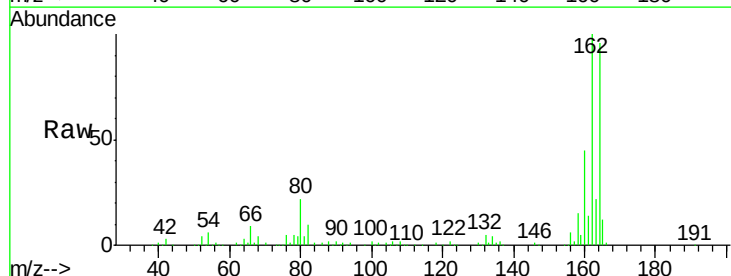
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

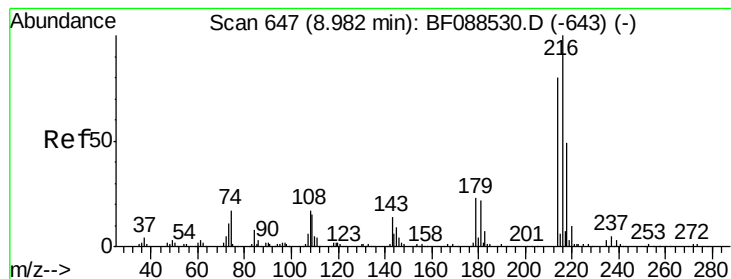
Tgt Ion:142 Resp: 459145
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.0 106.6
 115 39.6 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 715
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:164 Resp: 178461
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.5 39.5 59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.82 ng

RT: 8.89 min Scan# 639

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:216 Resp: 248227

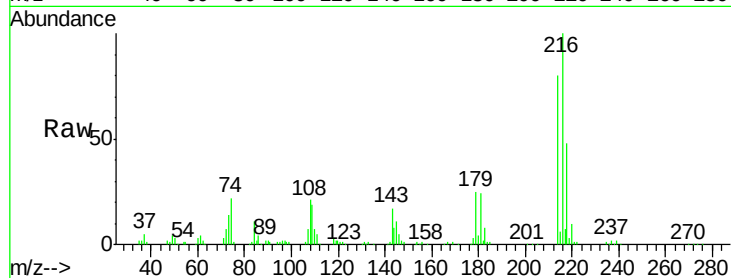
Ion Ratio Lower Upper

216 100

214 79.9 2.9 4.3#

179 24.8 0.0 0.0#

108 23.0 0.5 0.7#

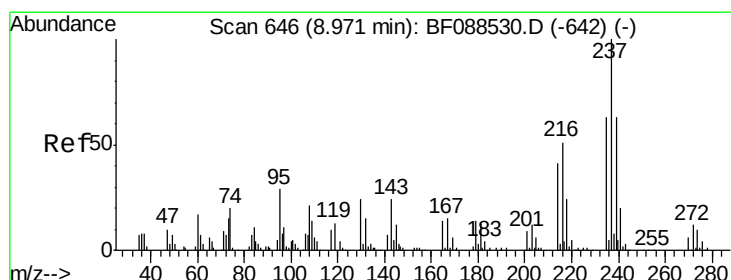
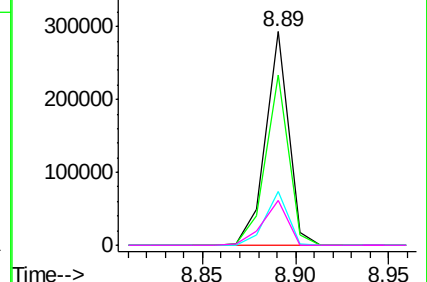
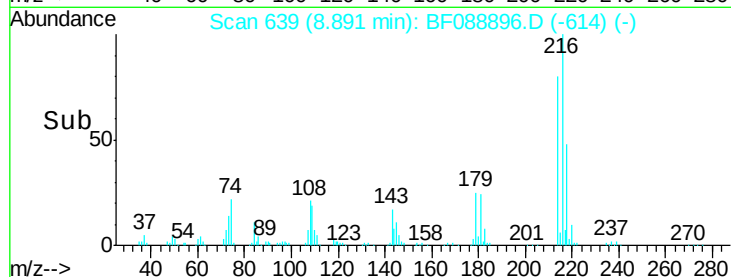


Abundance Ion 216.00 (215.70 to 216.70): E

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: 26.20 ng

RT: 8.88 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

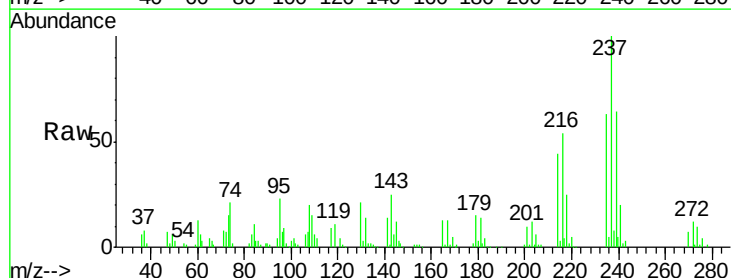
Tgt Ion:237 Resp: 76337

Ion Ratio Lower Upper

237 100

235 62.6 43.4 83.4

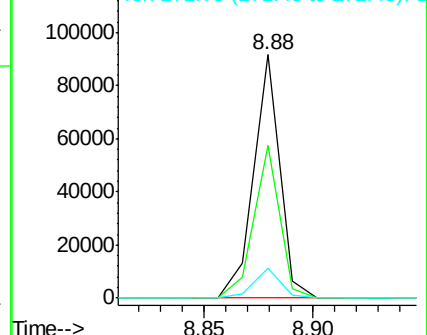
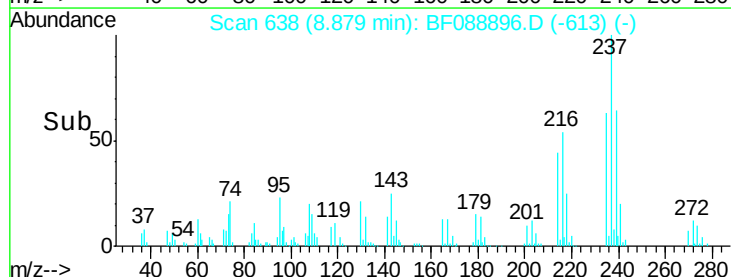
272 12.1 0.0 32.3

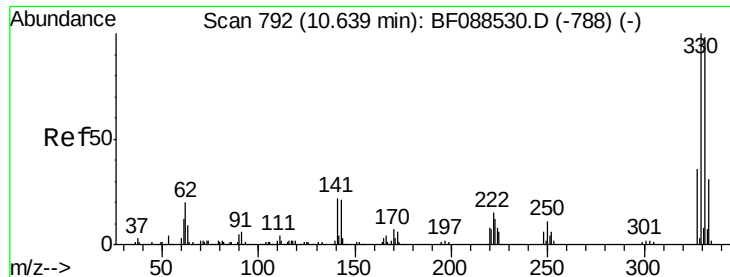


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

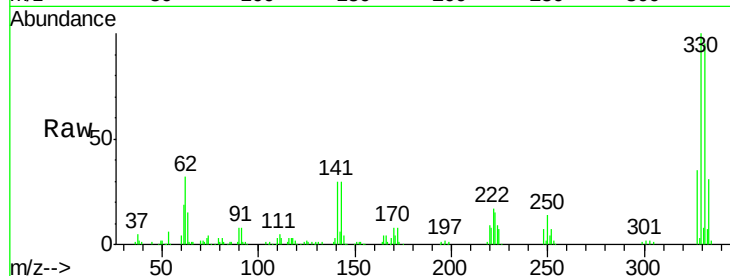




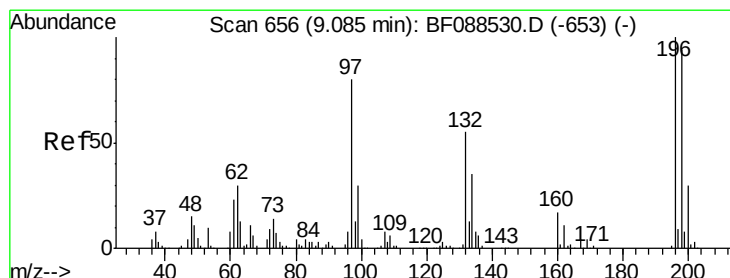
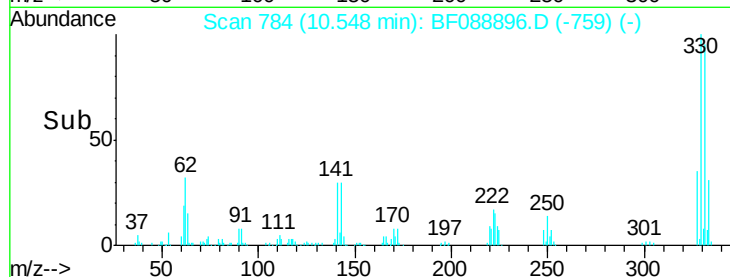
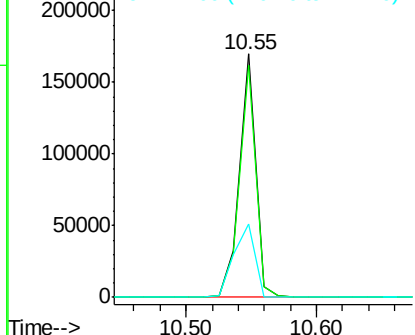
#41
 2,4,6-Tribromophenol
 Concen: 87.86 ng
 RT: 10.55 min Scan# 784
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:330 Resp: 145599
 Ion Ratio Lower Upper
 330 100
 332 95.5 0.0 0.0#
 141 39.1 0.0 0.0#

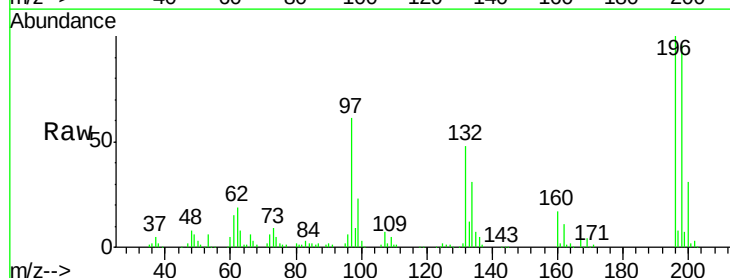


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

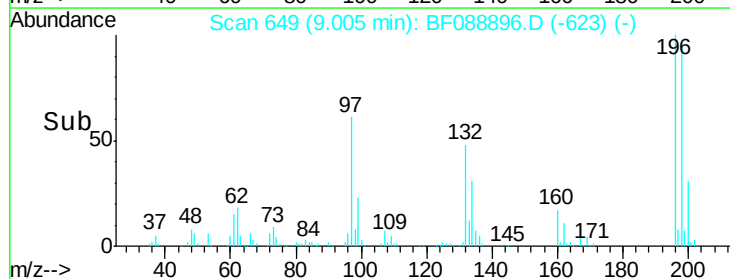
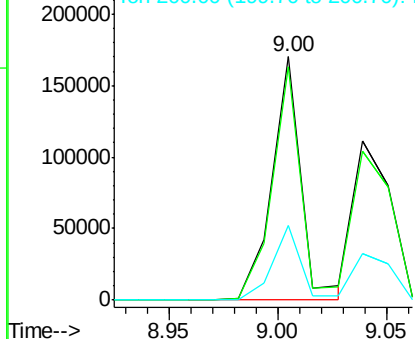


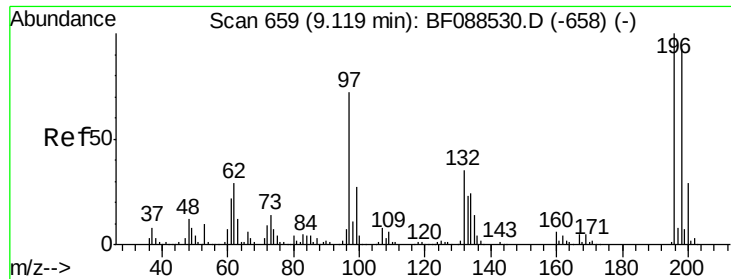
#42
 2,4,6-Trichlorophenol
 Concen: 40.86 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:196 Resp: 159922
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.0 117.0
 200 30.6 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

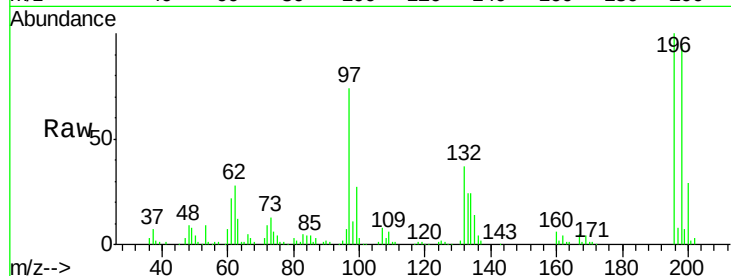




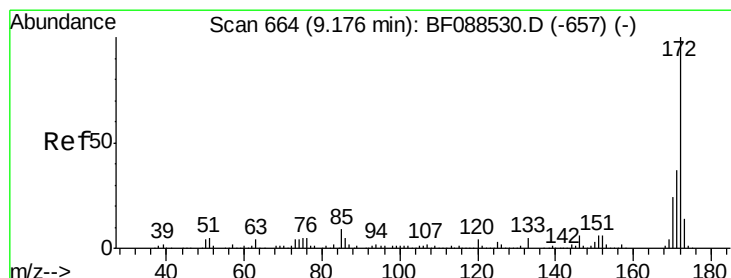
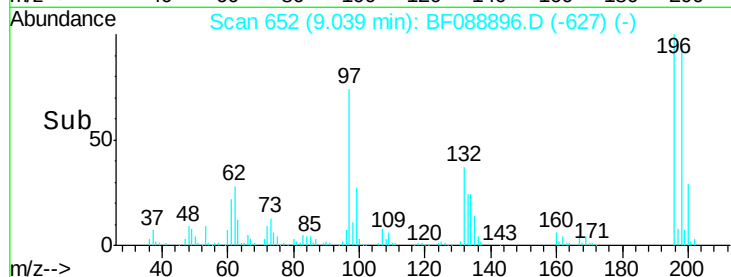
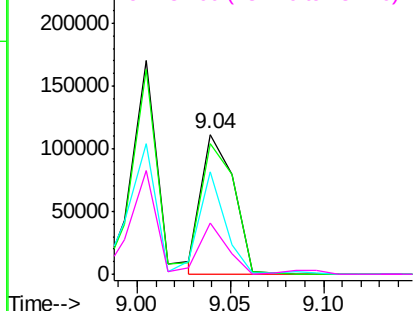
#43
 2,4,5-Trichlorophenol
 Concen: 39.54 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:196 Resp: 133149
 Ion Ratio Lower Upper
 196 100
 198 93.6 77.5 116.3
 97 73.6 32.0 48.0#
 132 36.8 20.9 31.3#

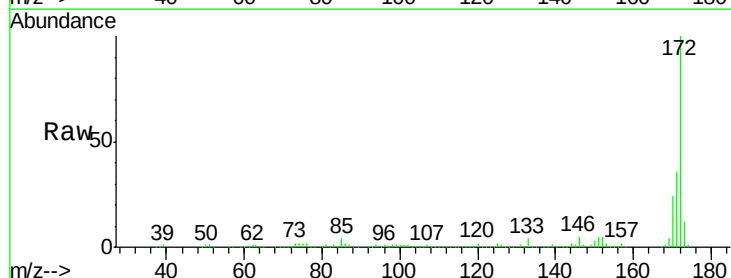


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

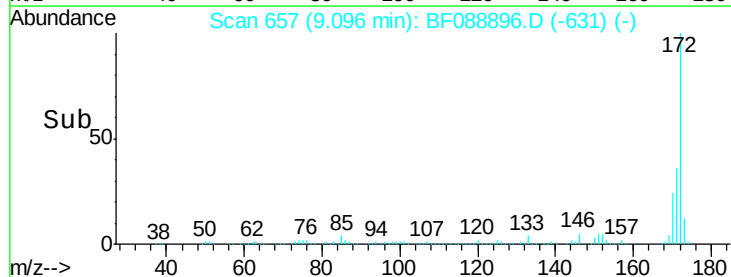
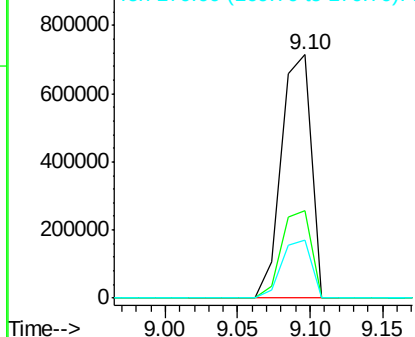


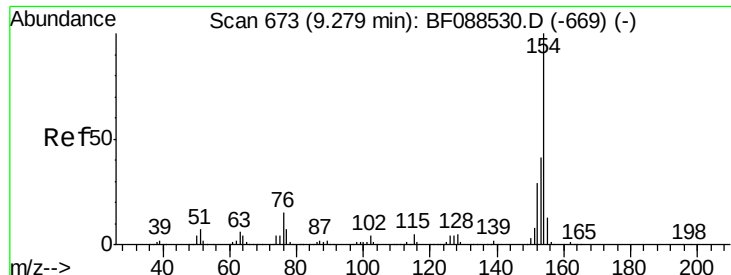
#44
 2-Fluorobiphenyl
 Concen: 89.98 ng
 RT: 9.10 min Scan# 657
 Delta R.T. 0.00 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:172 Resp: 1016585
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.6 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

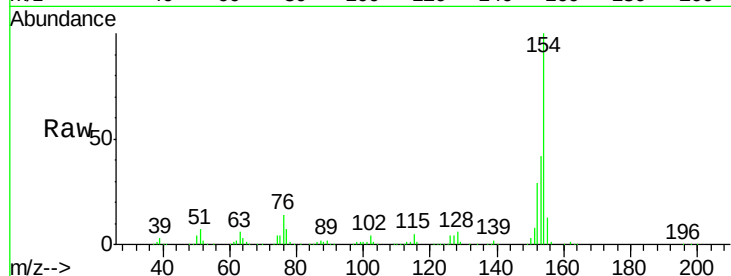




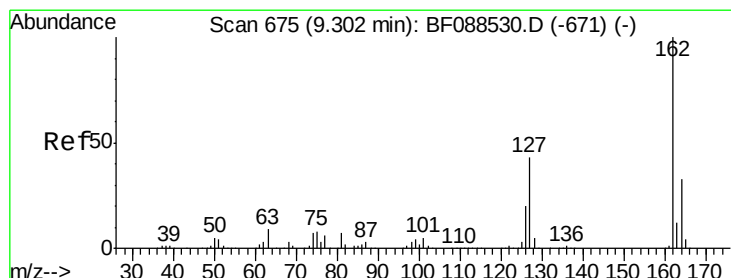
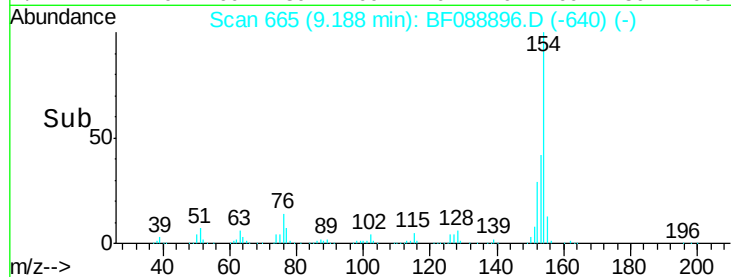
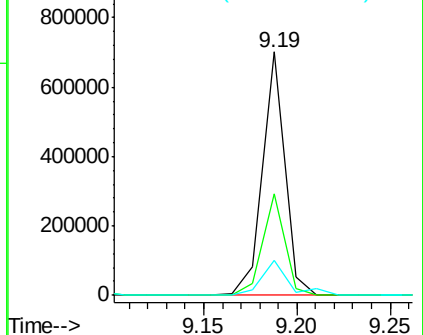
#45
 1,1'-Biphenyl
 Concen: 39.01 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:154 Resp: 576442
 Ion Ratio Lower Upper
 154 100
 153 41.9 20.6 60.6
 76 14.2 0.0 35.1

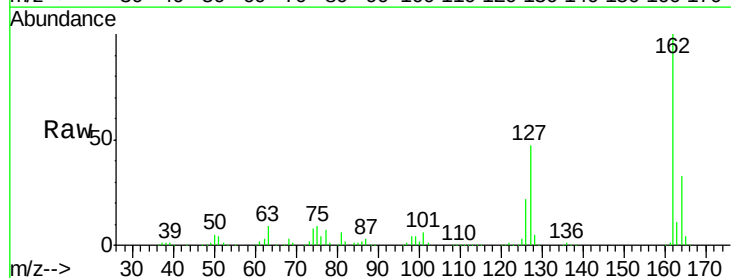


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

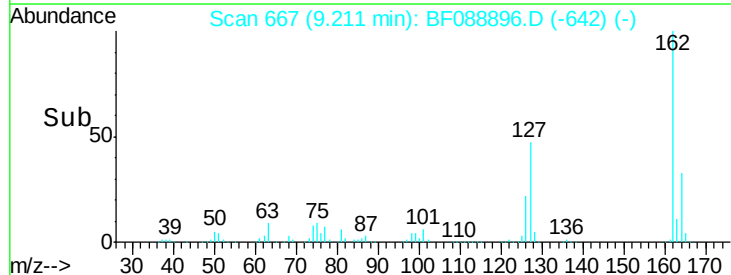
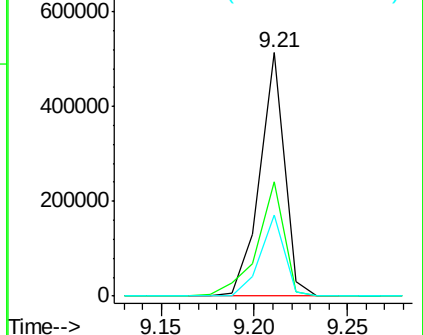


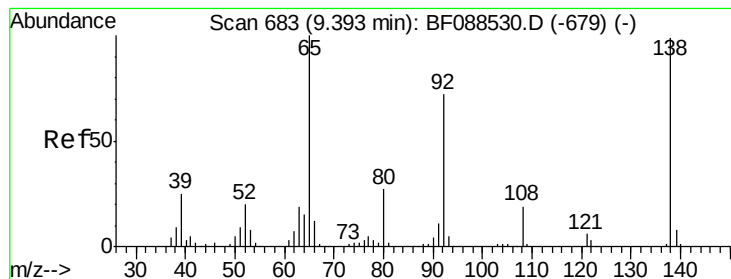
#46
 2-Chloronaphthalene
 Concen: 40.21 ng
 RT: 9.21 min Scan# 667
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:162 Resp: 466482
 Ion Ratio Lower Upper
 162 100
 127 46.9 35.2 52.8
 164 33.2 26.6 39.8



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

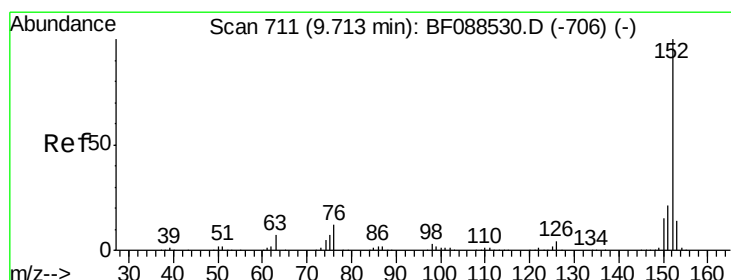
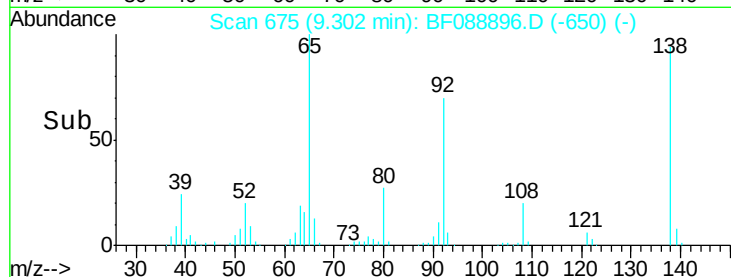
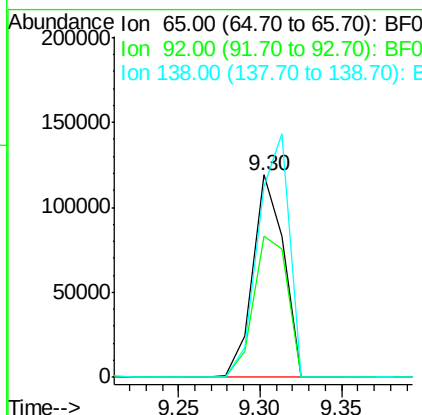
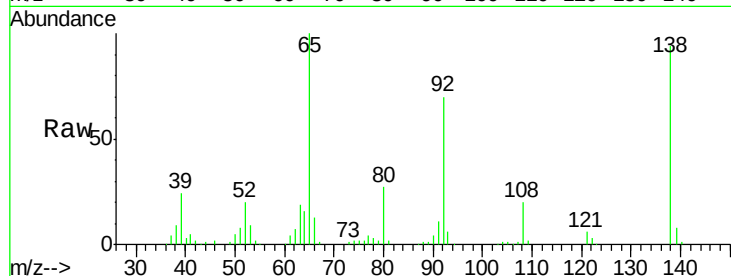




#47
 2-Nitroaniline
 Concen: 37.90 ng
 RT: 9.30 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

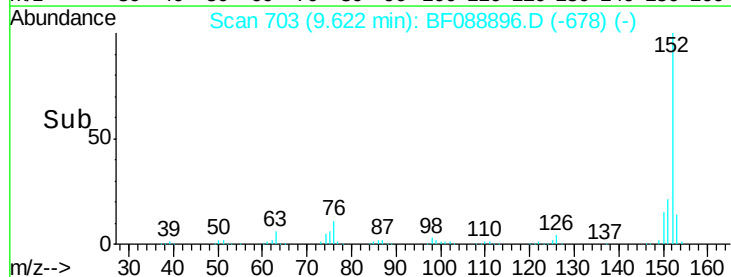
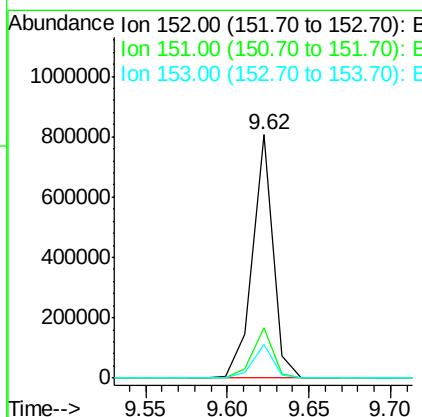
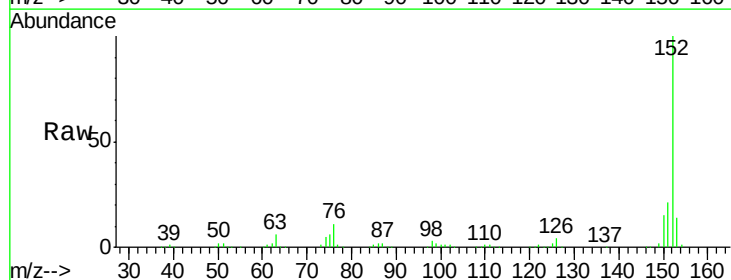
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

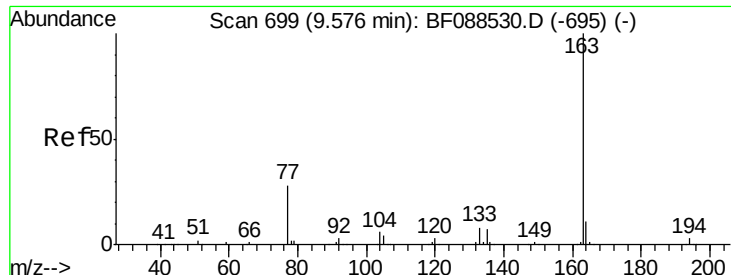
Tgt Ion:	65	Resp:	156036
Ion	Ratio	Lower	Upper
65	100		
92	70.2	54.6	82.0
138	94.3	77.0	115.4



#48
 Acenaphthylene
 Concen: 38.39 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:	152	Resp:	708726
Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.2	24.4
153	13.6	11.0	16.6

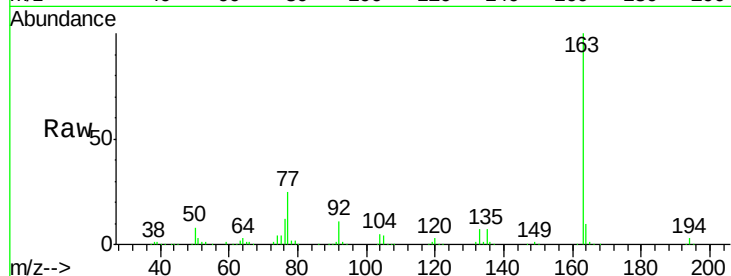




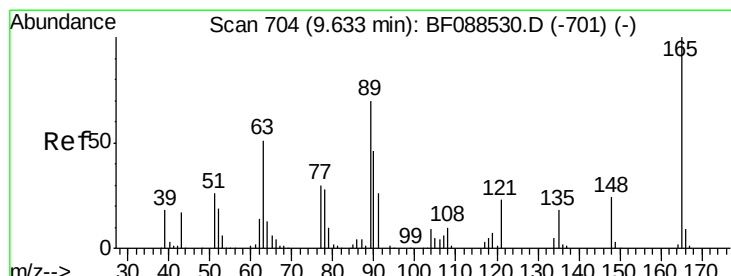
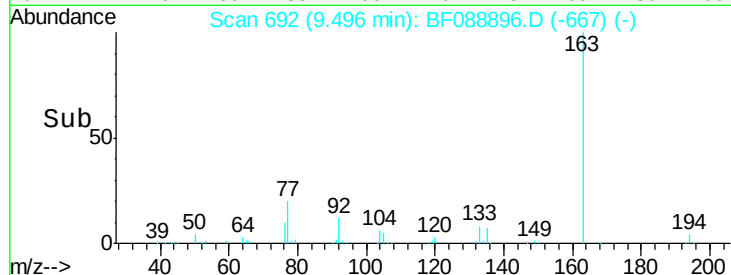
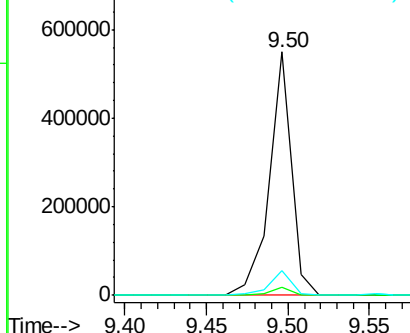
#49
Dimethylphthalate
Concen: 40.74 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:163 Resp: 518030
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.2 8.3 12.5

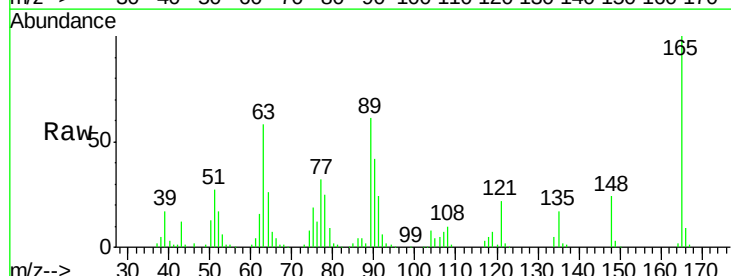


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

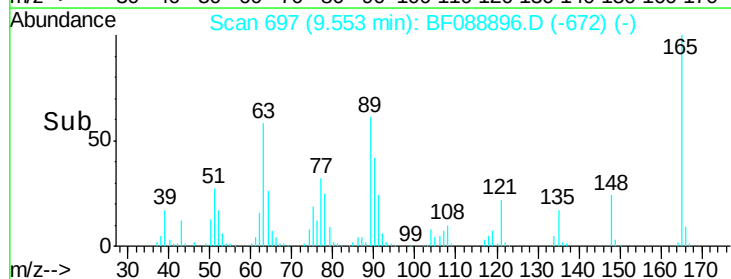
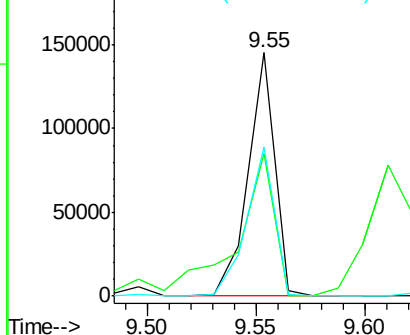


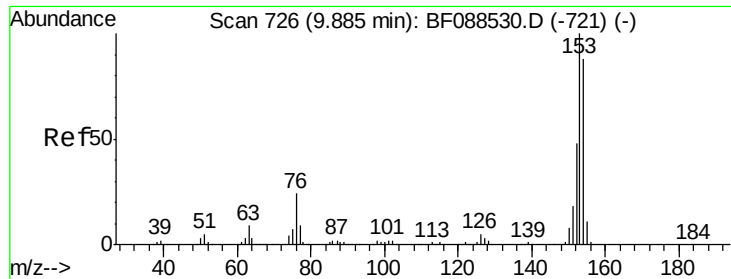
#50
2,6-Dinitrotoluene
Concen: 43.81 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:165 Resp: 123462
Ion Ratio Lower Upper
165 100
63 58.3 28.1 42.1#
89 61.2 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: 35.97 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

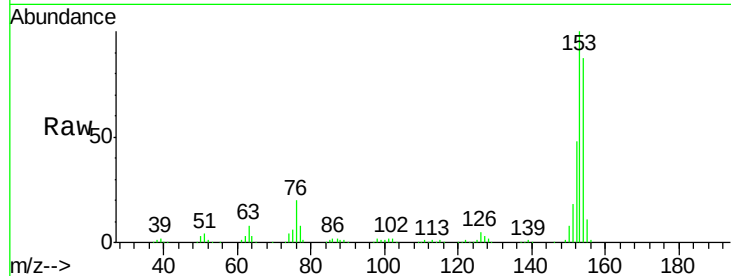
Tgt Ion:154 Resp: 406978

Ion Ratio Lower Upper

154 100

153 114.7 89.5 134.3

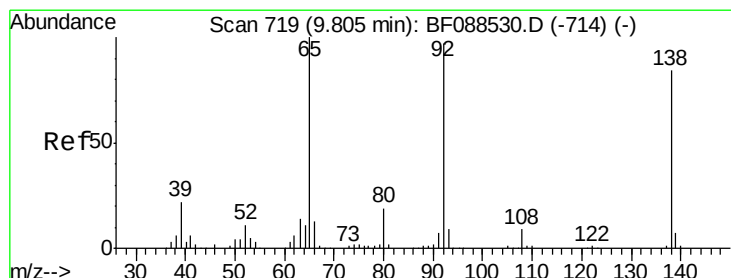
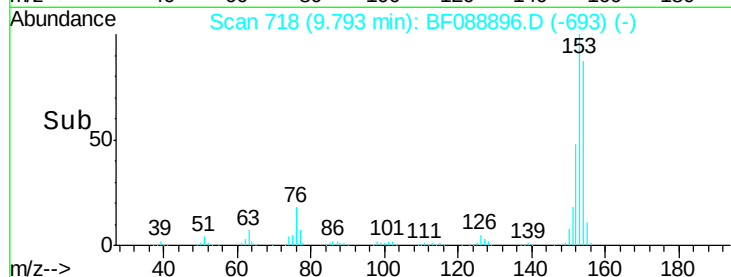
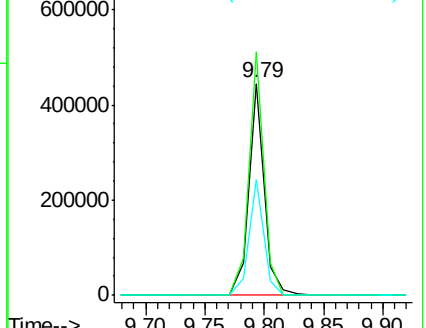
152 54.7 42.7 64.1



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: 43.71 ng

RT: 9.72 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

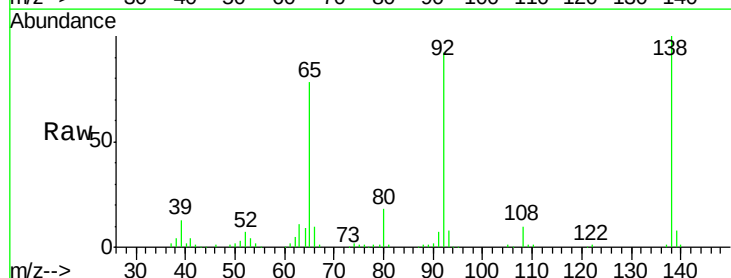
Tgt Ion:138 Resp: 156577

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

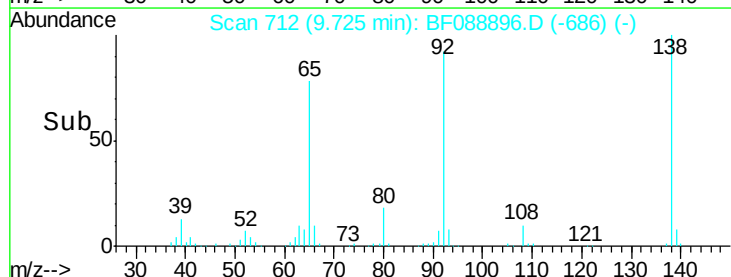
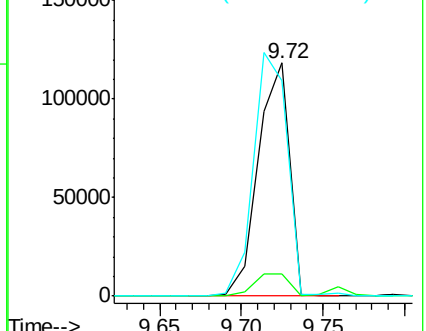
92 92.5 95.7 143.5#

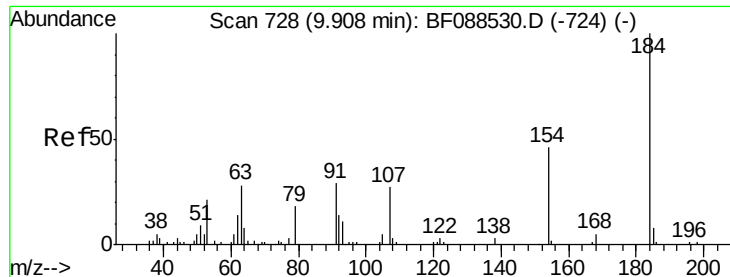


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

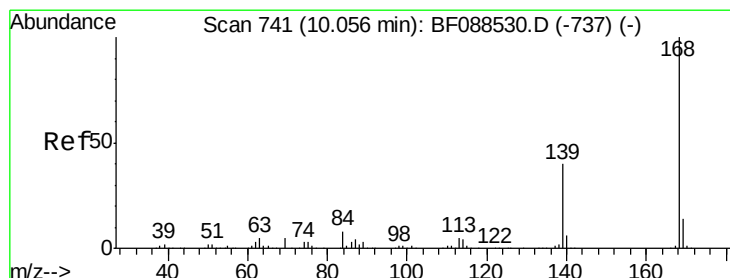
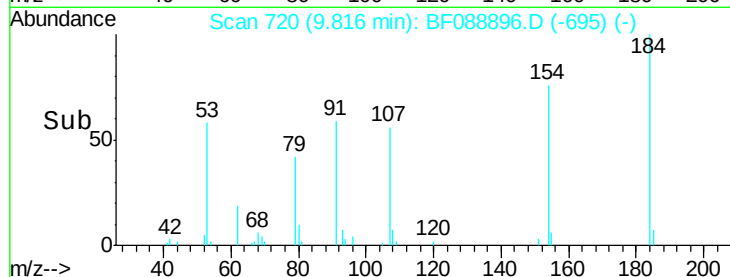
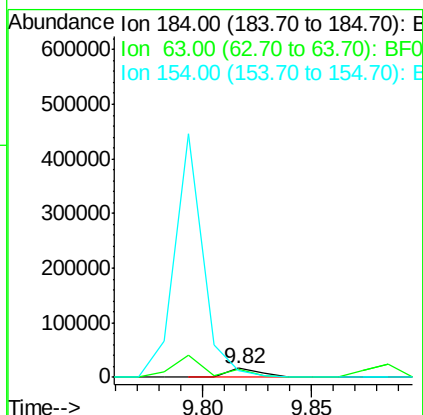
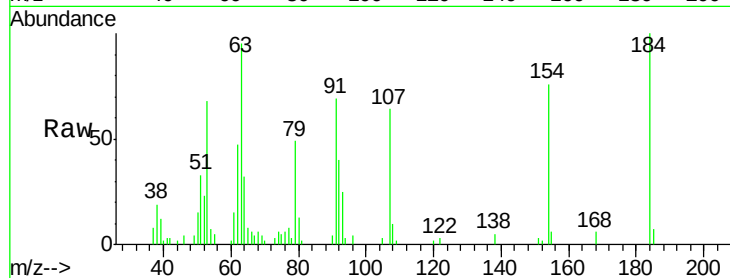




#53
2,4-Dinitrophenol
Concen: 13.47 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

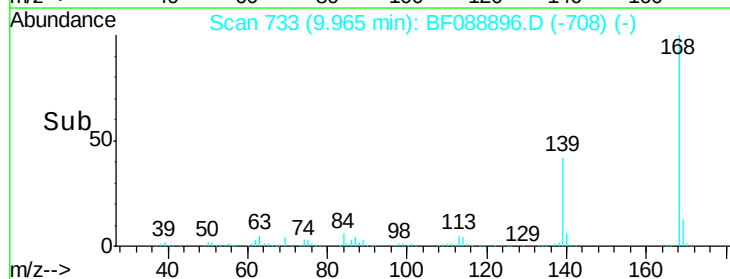
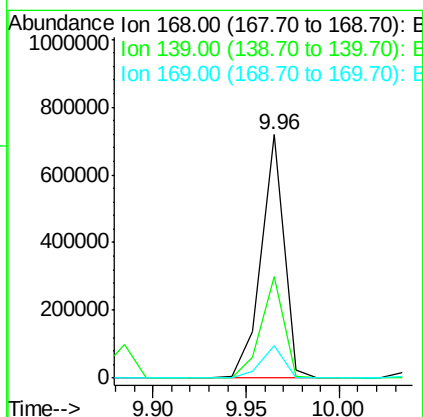
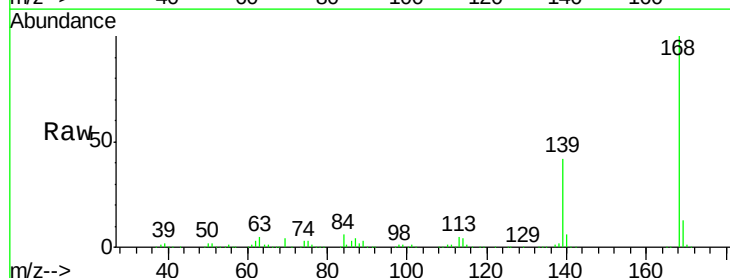
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

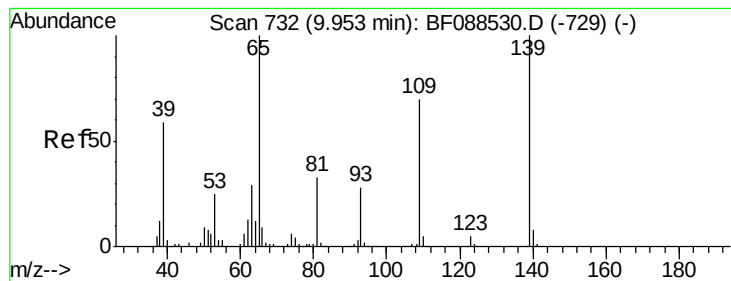
Tgt Ion:184 Resp: 16761
Ion Ratio Lower Upper
184 100
63 95.0 57.6 86.4#
154 76.4 53.5 80.3



#54
Dibenzofuran
Concen: 40.88 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:168 Resp: 605484
Ion Ratio Lower Upper
168 100
139 41.9 26.4 39.6#
169 13.5 10.4 15.6





#55

4-Nitrophenol

Concen: 35.26 ng

RT: 9.88 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

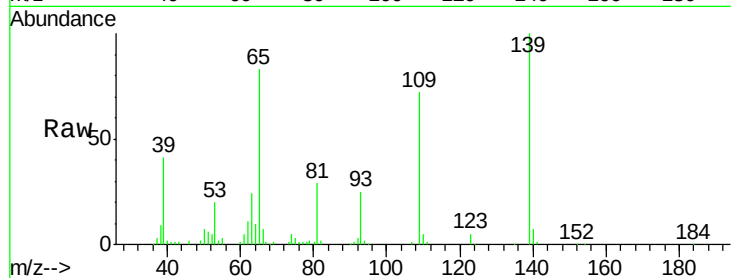
Tgt Ion:139 Resp: 95980

Ion Ratio Lower Upper

139 100

109 71.7 48.9 88.9

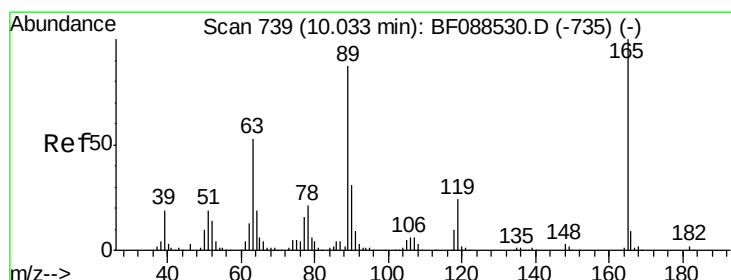
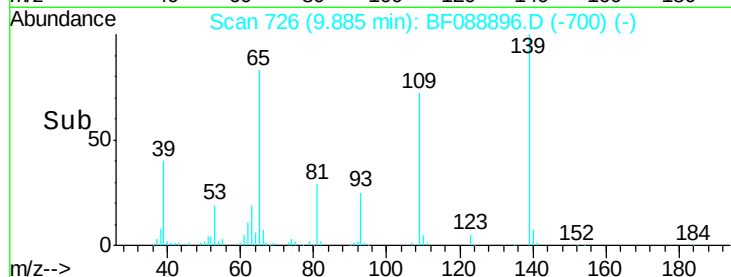
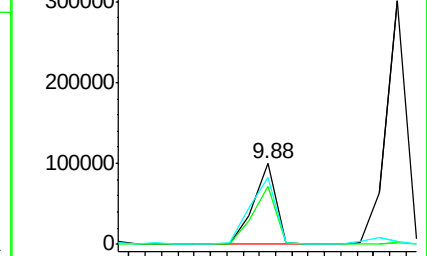
65 83.0 84.9 124.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.09 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Tgt Ion:165 Resp: 162426

Ion Ratio Lower Upper

165 100

63 49.0 22.0 33.0#

89 79.0 41.1 61.7#

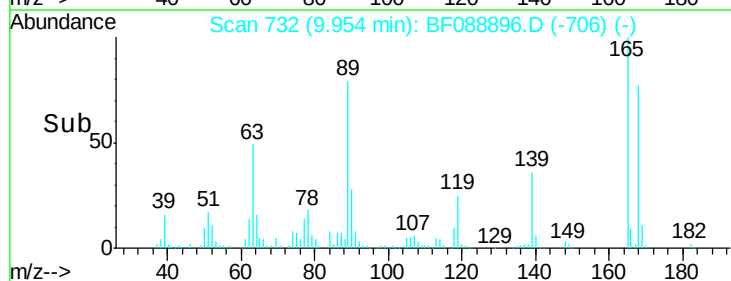
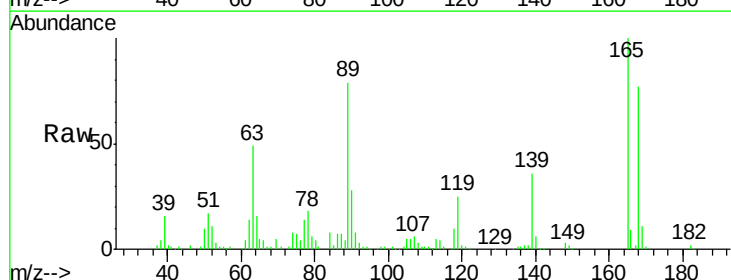
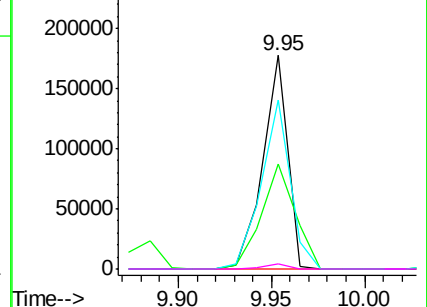
182 2.4 2.0 3.0

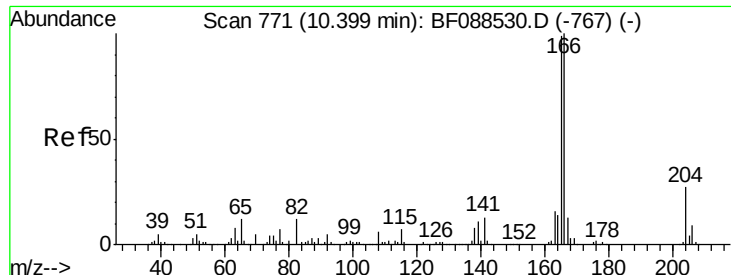
Abundance Ion 165.00 (164.70 to 165.70): E

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

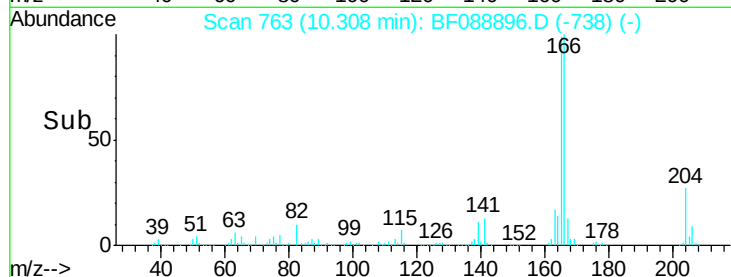
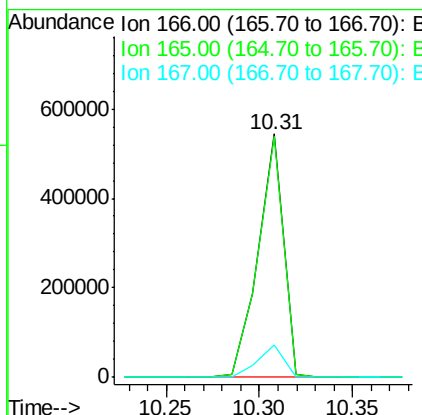
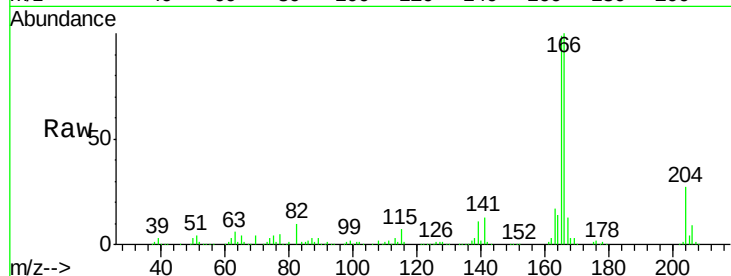




#57
 Fluorene
 Concen: 44.79 ng
 RT: 10.31 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

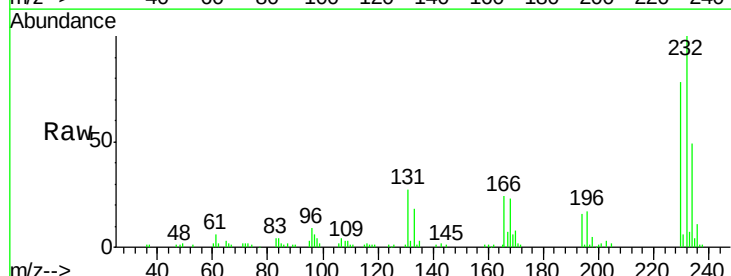
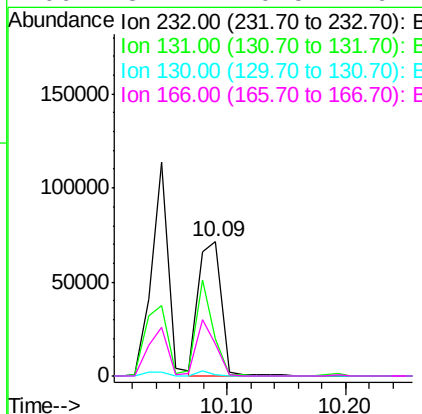
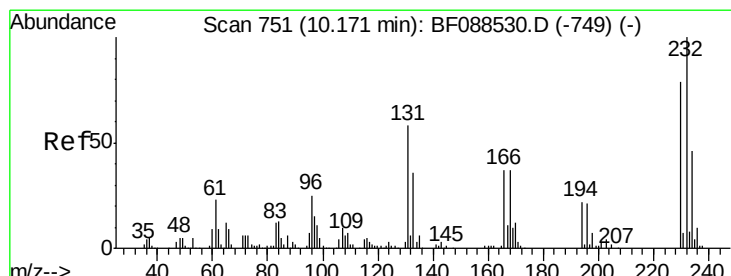
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

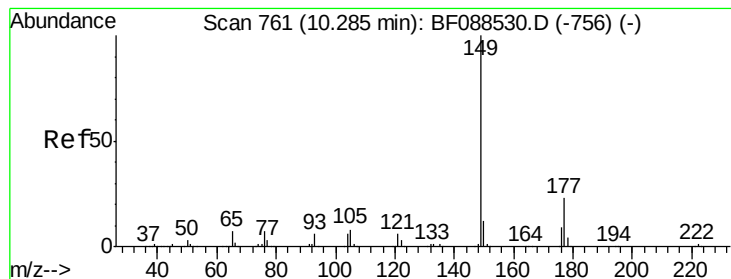
Tgt Ion:166 Resp: 511168
 Ion Ratio Lower Upper
 166 100
 165 99.0 77.8 116.8
 167 13.3 11.2 16.8



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.51 ng
 RT: 10.09 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:232 Resp: 97728
 Ion Ratio Lower Upper
 232 100
 131 52.2 0.9 1.3#
 130 2.5 1.5 2.3#
 166 34.4 0.5 0.7#





#59

Diethylphthalate

Concen: 46.00 ng

RT: 10.19 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

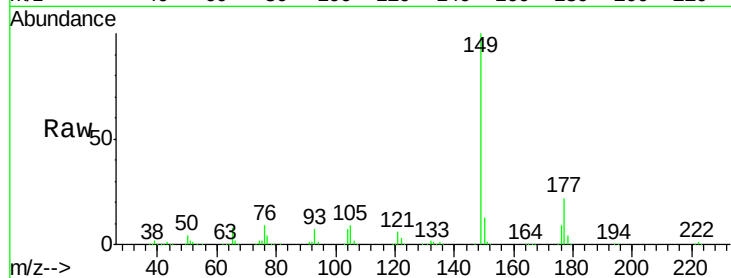
Tgt Ion:149 Resp: 586965

Ion Ratio Lower Upper

149 100

177 21.7 16.9 25.3

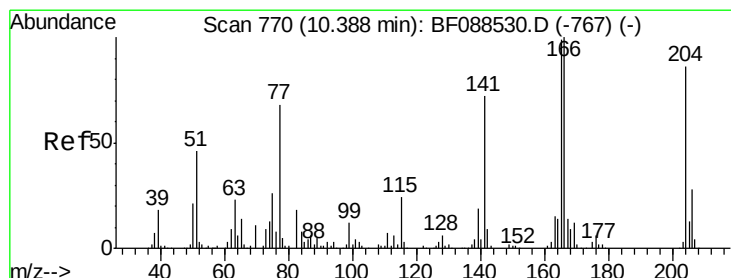
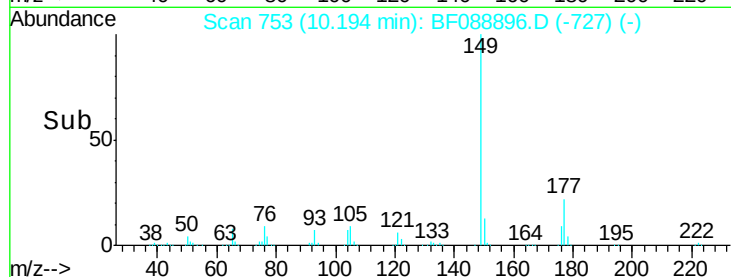
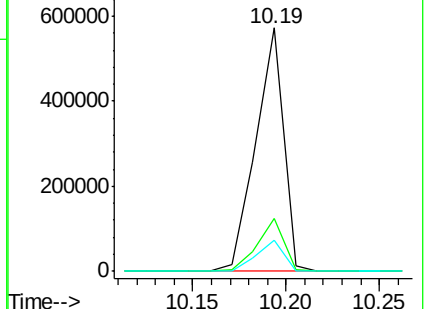
150 12.6 10.1 15.1



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: 40.06 ng

RT: 10.30 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

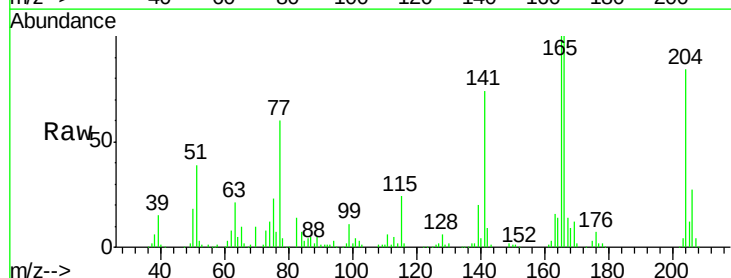
Tgt Ion:204 Resp: 212416

Ion Ratio Lower Upper

204 100

206 31.7 26.3 39.5

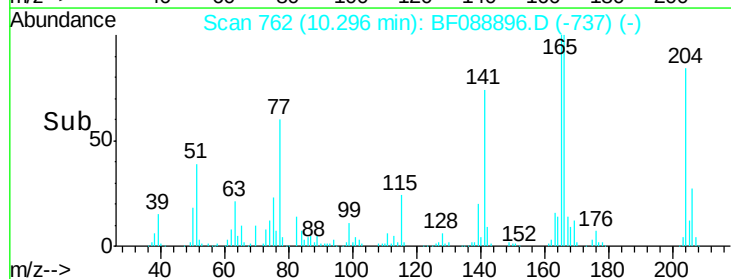
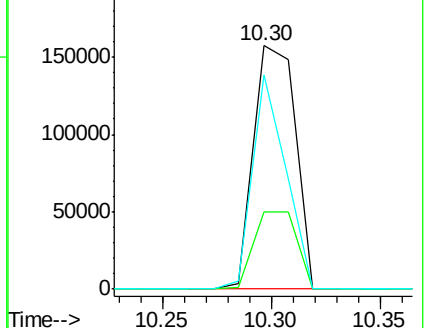
141 88.1 55.0 82.6#

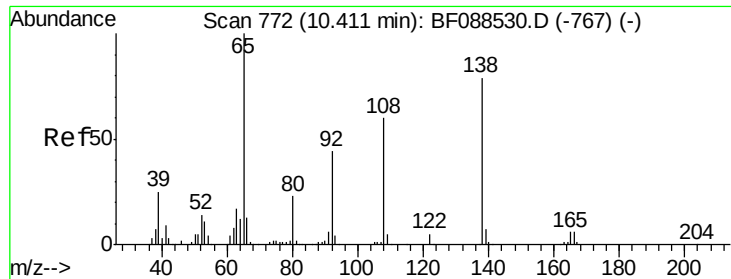


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

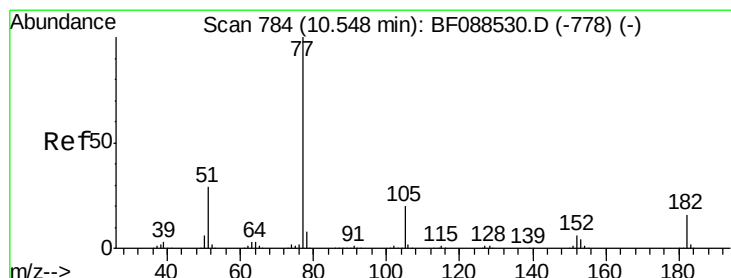
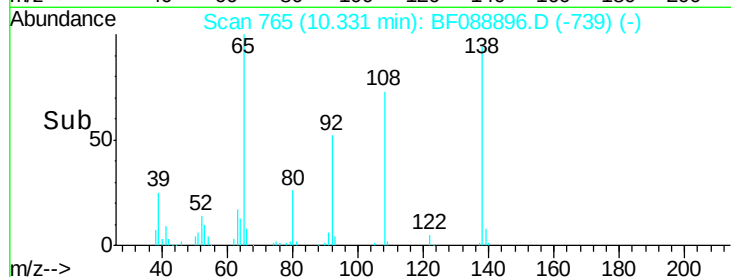
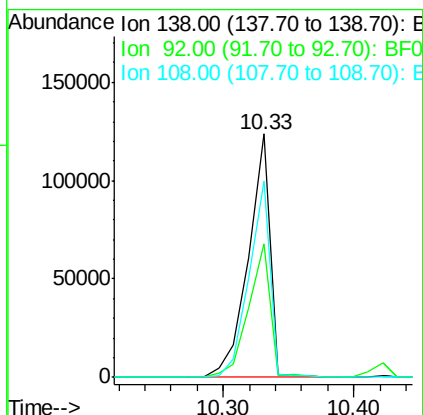
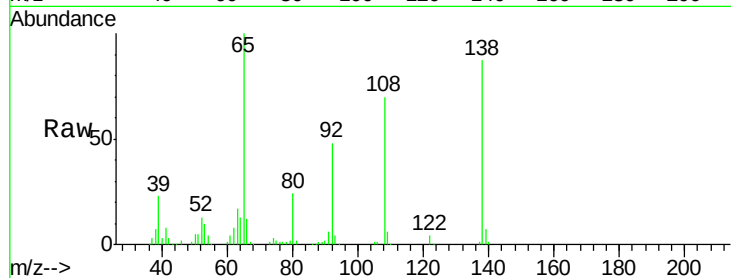




#61
4-Nitroaniline
Concen: 41.60 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

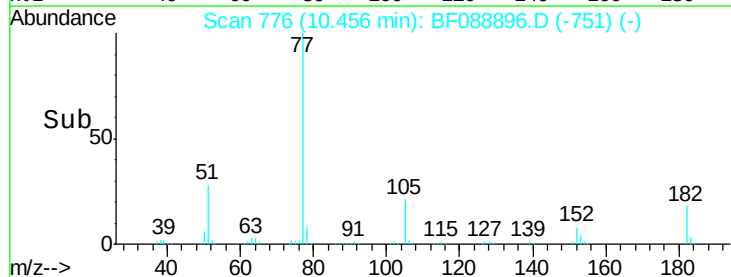
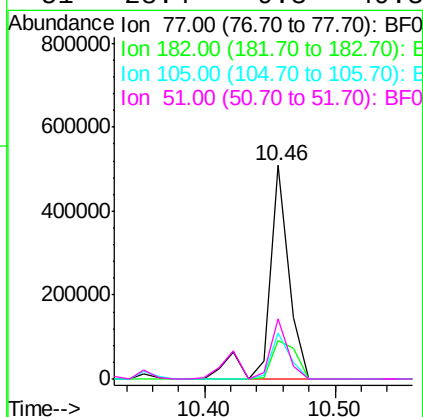
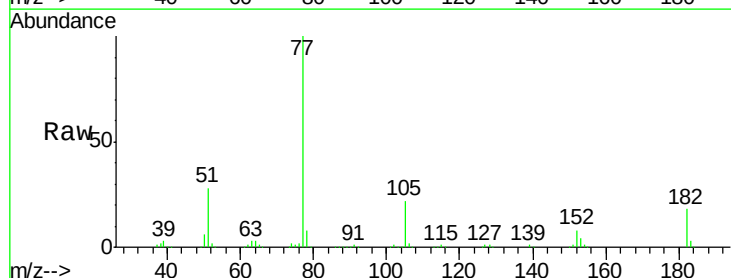
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

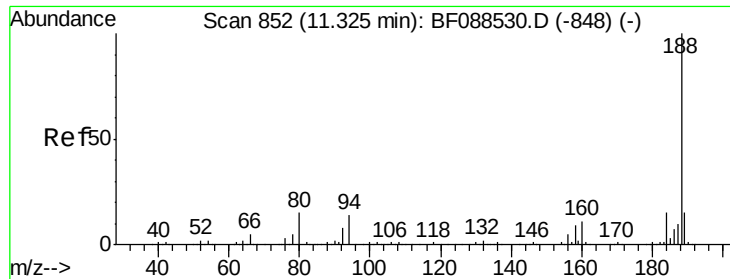
Tgt Ion:138 Resp: 143415
Ion Ratio Lower Upper
138 100
92 55.0 27.3 67.3
108 80.5 46.7 86.7



#62
Azobenzene
Concen: 37.14 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion: 77 Resp: 540607
Ion Ratio Lower Upper
77 100
182 18.0 4.4 44.4
105 21.7 3.8 43.8
51 28.4 9.3 49.3

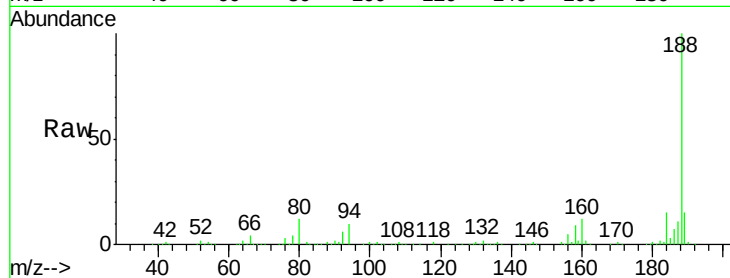




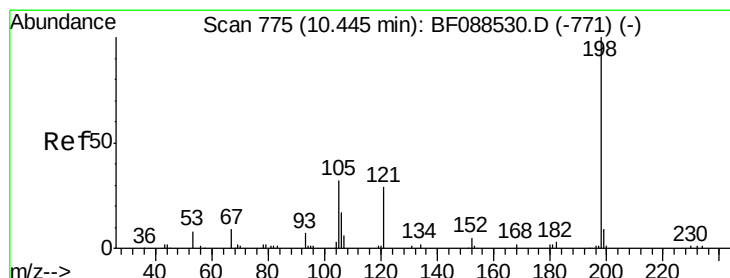
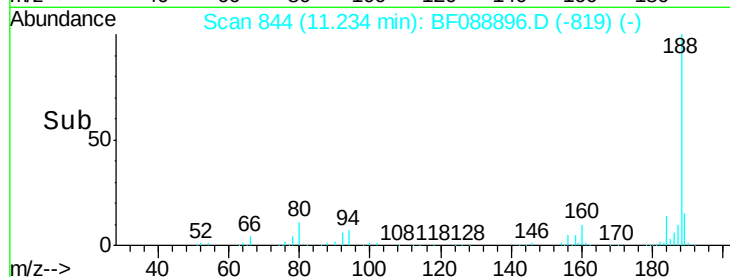
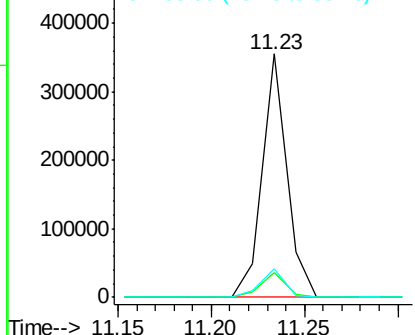
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:188 Resp: 323692
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.6
80 11.7 10.0 15.0

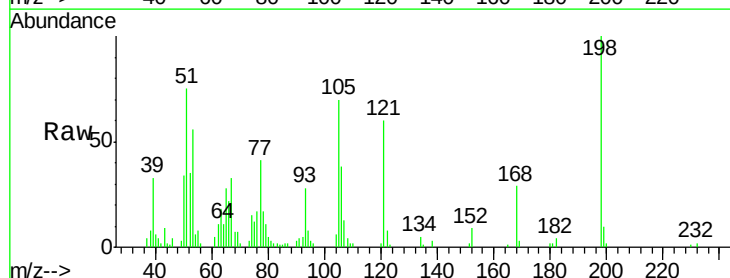


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

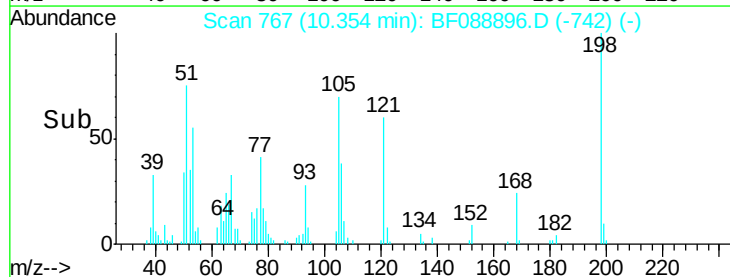
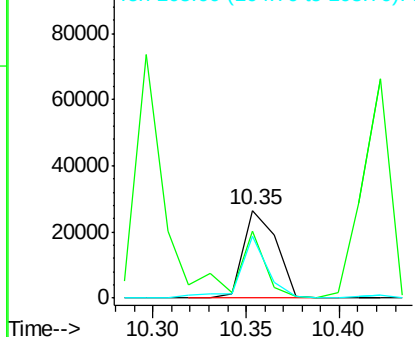


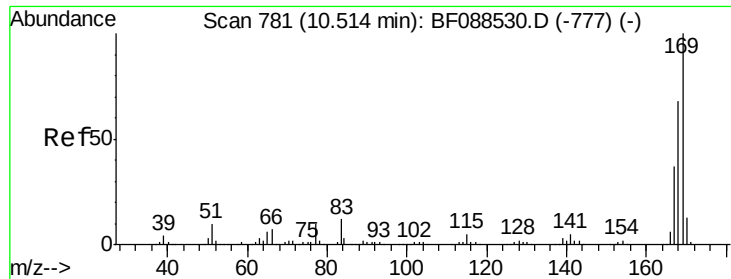
#64
4,6-Dinitro-2-methylphenol
Concen: 18.82 ng
RT: 10.35 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:198 Resp: 32591
Ion Ratio Lower Upper
198 100
51 75.4 39.6 79.6
105 70.0 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

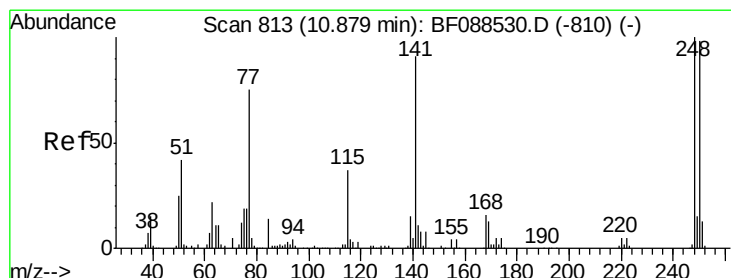
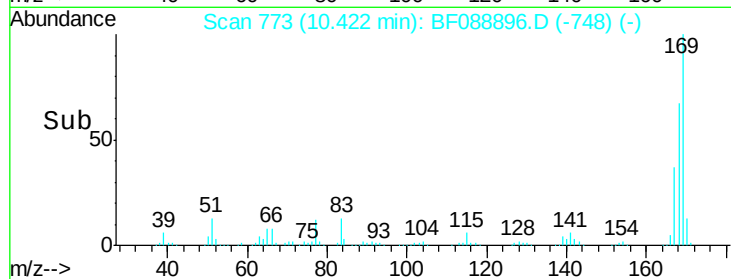
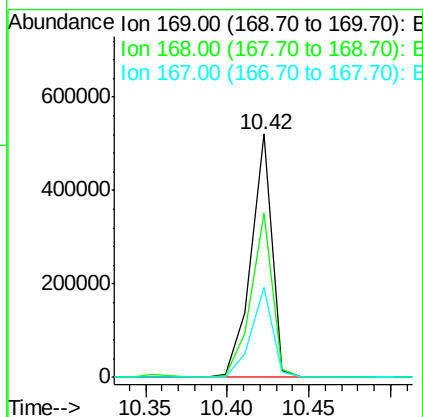
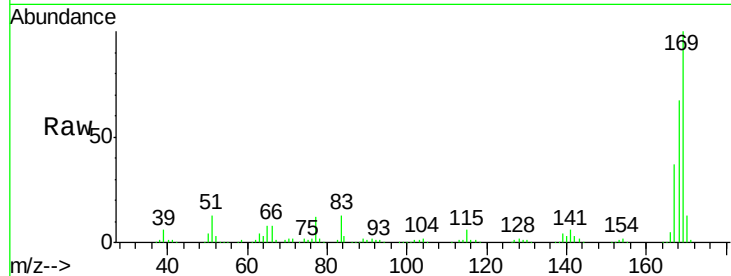




#65
 n-Nitrosodiphenylamine
 Concen: 42.58 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

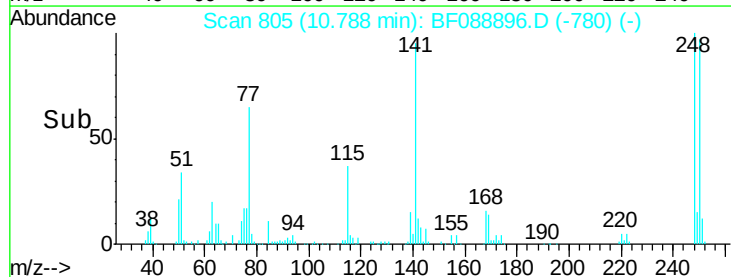
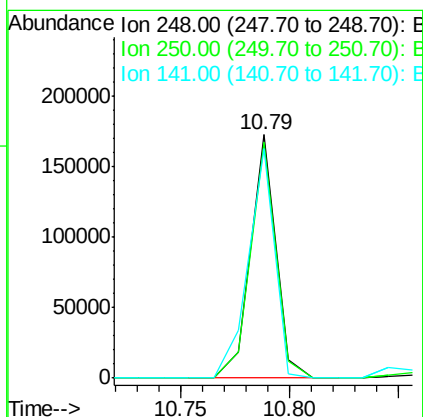
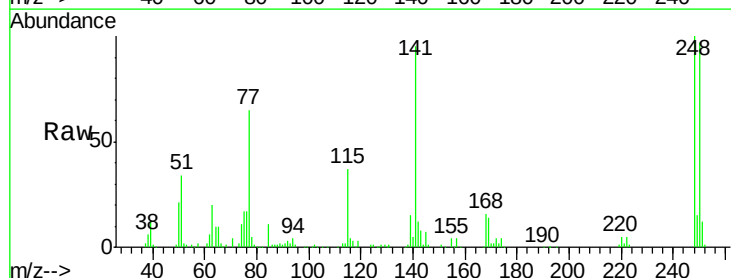
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

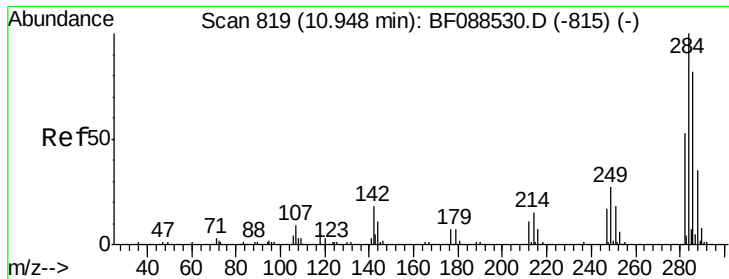
Tgt Ion:169 Resp: 466469
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.0
 167 36.9 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 42.96 ng
 RT: 10.79 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:248 Resp: 140133
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.1 115.7
 141 94.5 50.6 76.0#

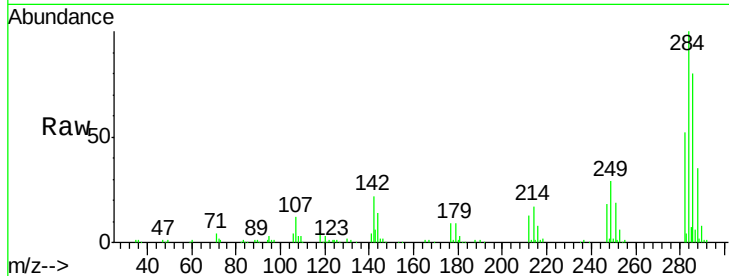




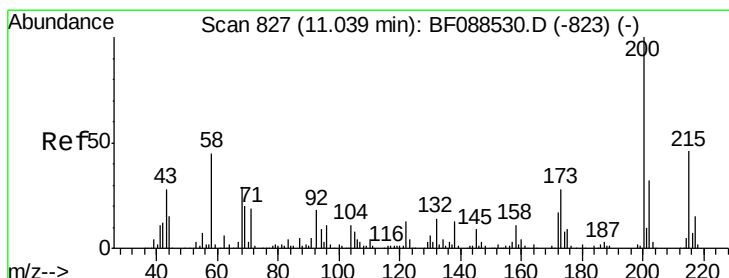
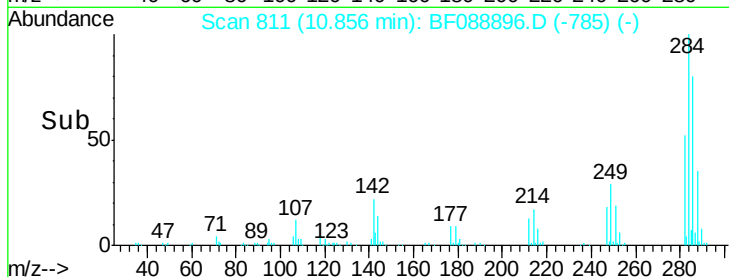
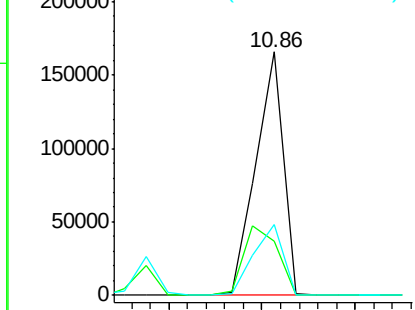
#67
Hexachlorobenzene
Concen: 46.46 ng
RT: 10.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:284 Resp: 167746
Ion Ratio Lower Upper
284 100
142 22.0 35.8 53.8#
249 29.1 25.8 38.6

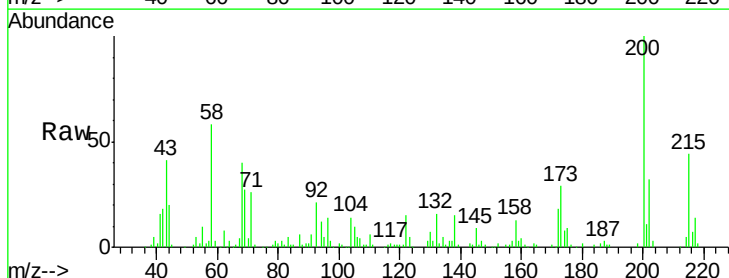


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

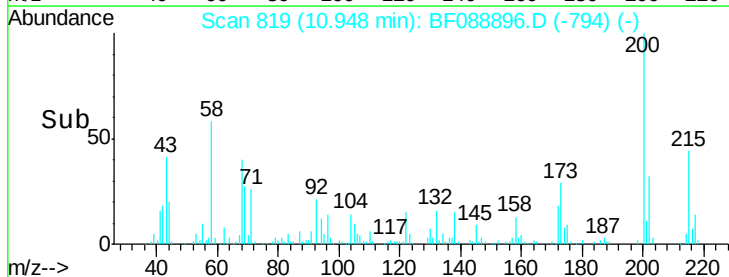
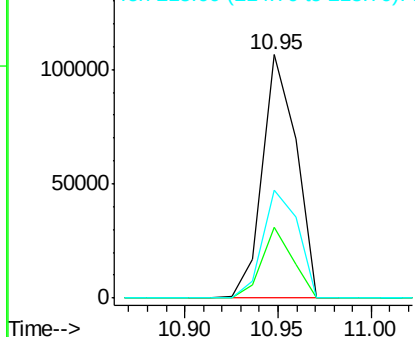


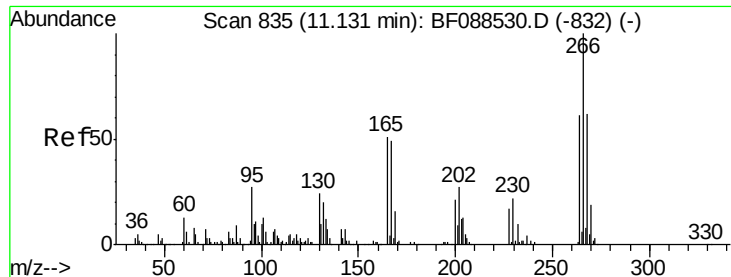
#68
Atrazine
Concen: 38.91 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:200 Resp: 132811
Ion Ratio Lower Upper
200 100
173 29.2 4.0 44.0
215 44.1 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

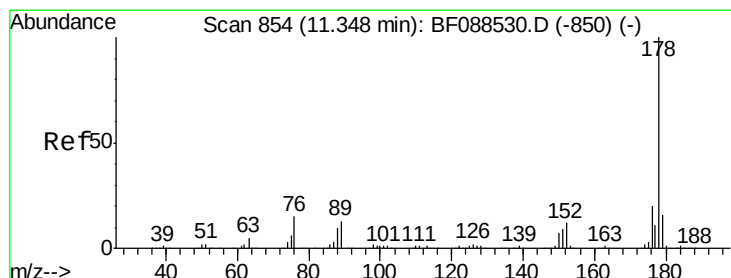
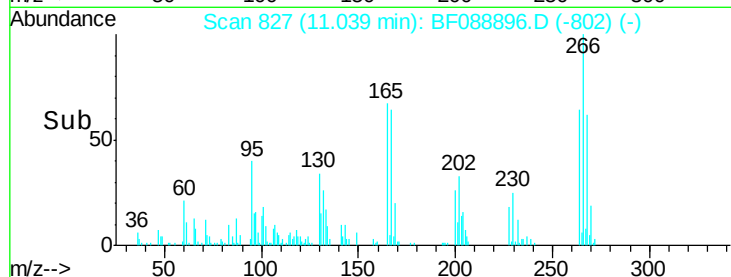
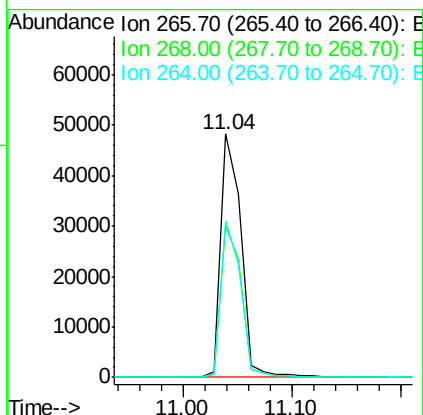
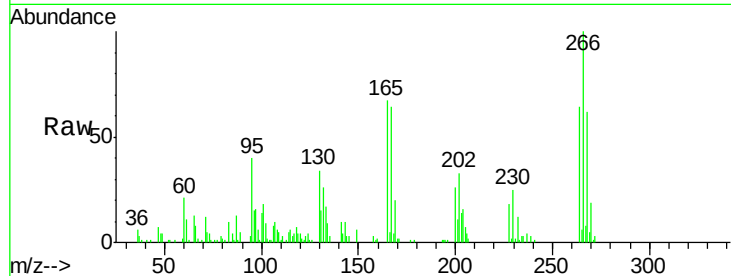




#69
 Pentachlorophenol
 Concen: 29.28 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

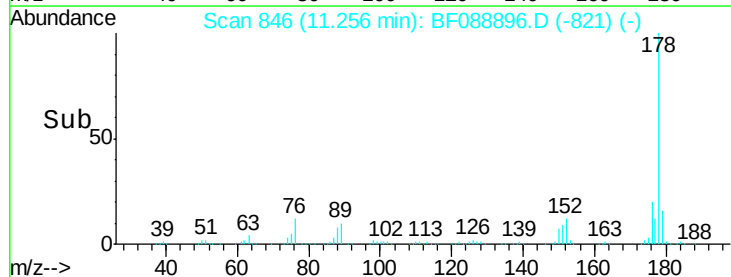
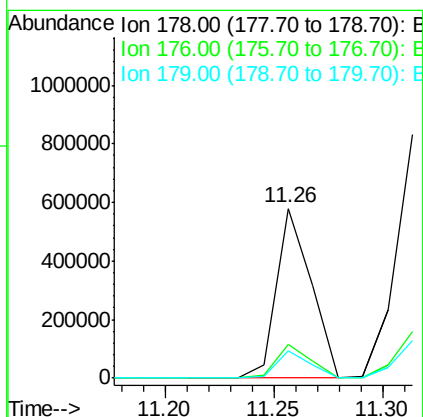
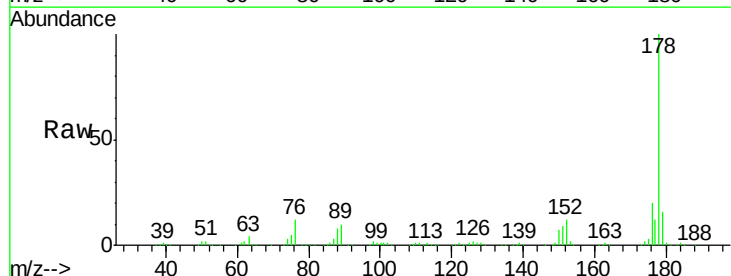
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

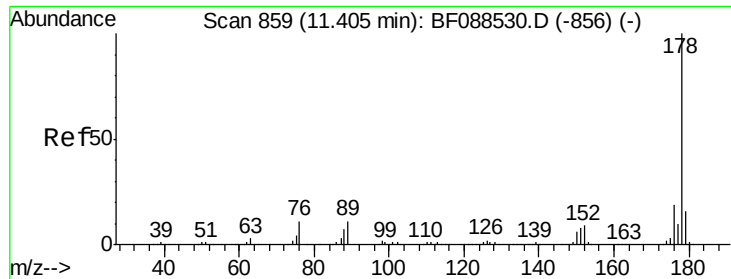
Tgt Ion: 266 Resp: 62581
 Ion Ratio Lower Upper
 266 100
 268 62.3 52.8 79.2
 264 64.4 49.6 74.4



#70
 Phenanthrene
 Concen: 36.49 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion: 178 Resp: 645747
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 15.9 13.0 19.4

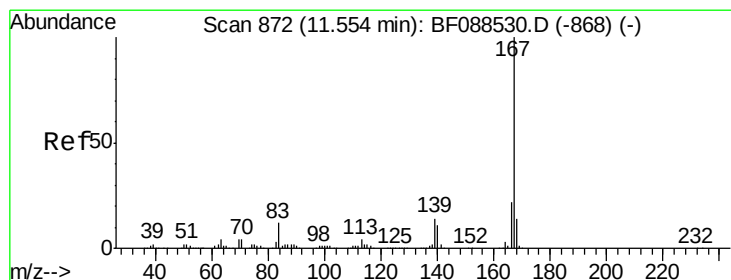
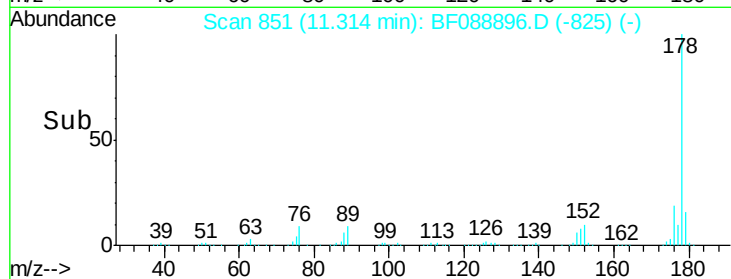
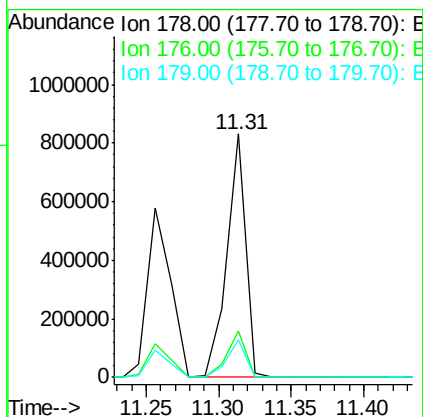
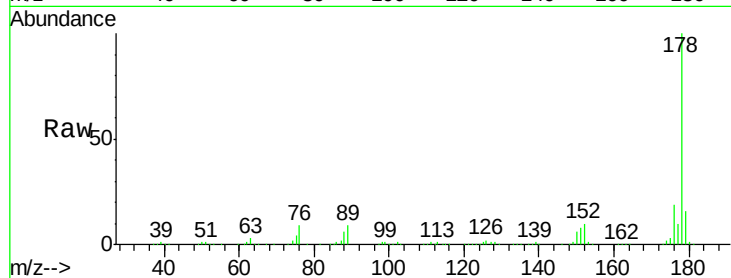




#71
 Anthracene
 Concen: 42.44 ng
 RT: 11.31 min Scan# 851
 Delta R.T. 0.00 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

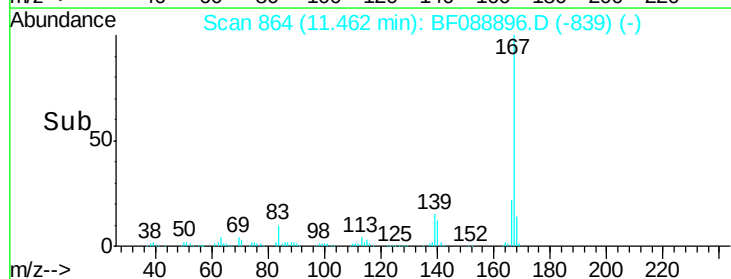
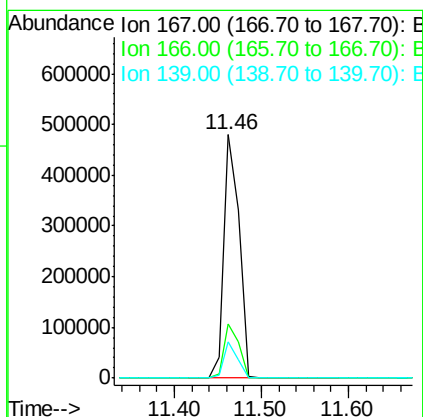
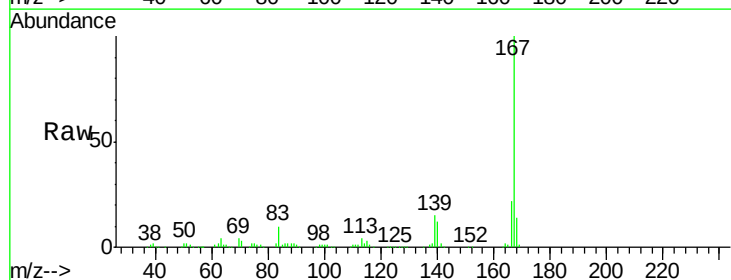
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

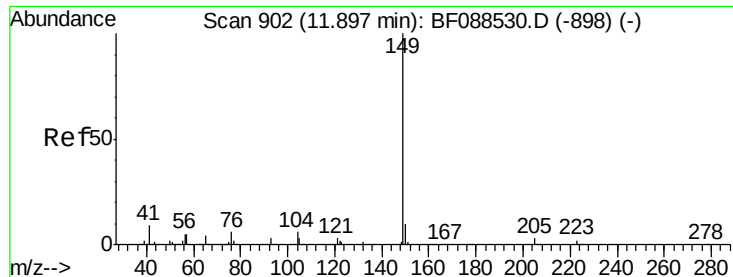
Tgt Ion:178 Resp: 746753
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.6 23.4
 179 15.5 12.8 19.2



#72
 Carbazole
 Concen: 35.53 ng
 RT: 11.46 min Scan# 864
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion:167 Resp: 588373
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 14.7 11.2 16.8





#73

Di-n-butylphthalate

Concen: 39.74 ng

RT: 11.81 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

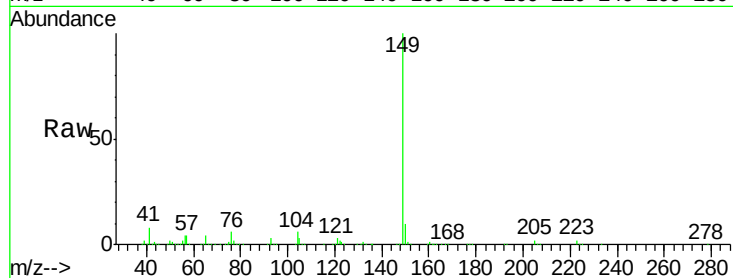
Tgt Ion:149 Resp: 765482

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

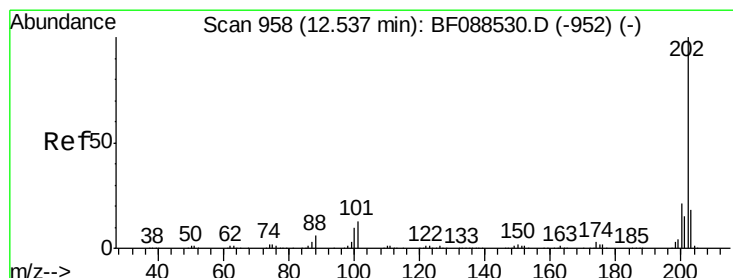
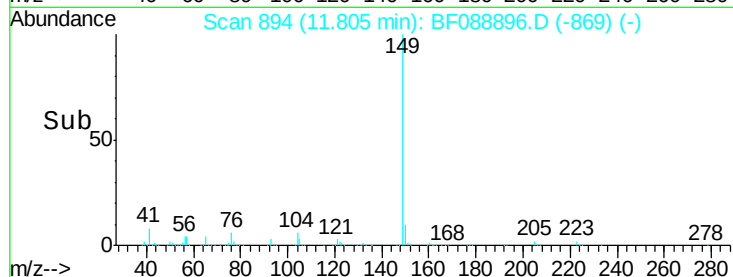
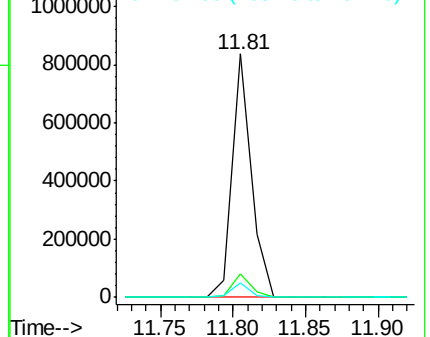
104 5.8 4.0 6.0



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: 37.65 ng

RT: 12.45 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

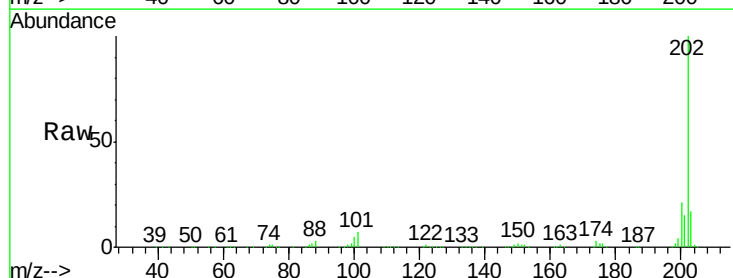
Tgt Ion:202 Resp: 675291

Ion Ratio Lower Upper

202 100

101 7.2 0.0 33.1

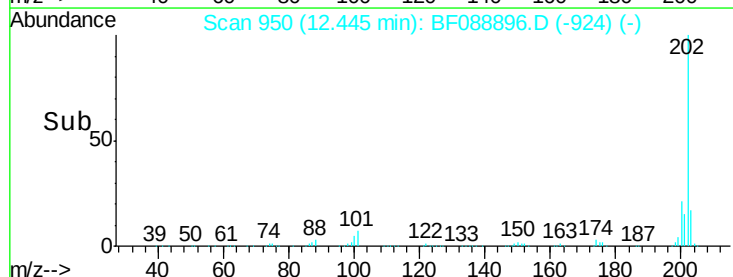
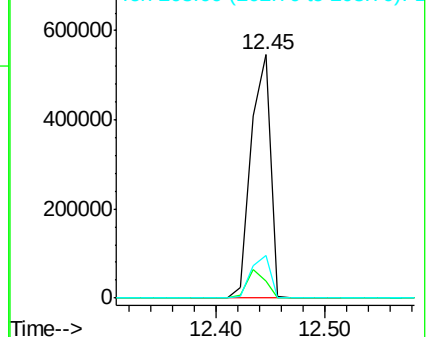
203 17.3 0.0 38.1

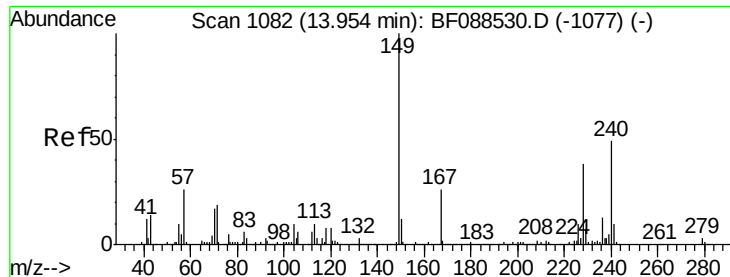


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.86 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

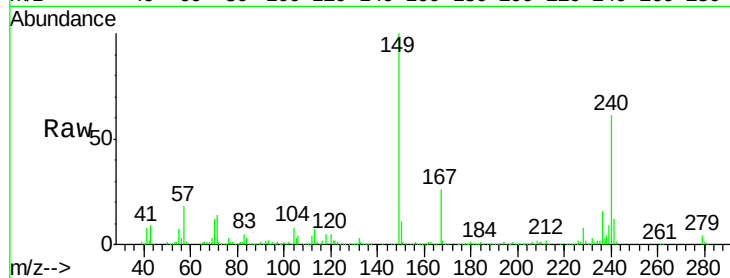
Tgt Ion:240 Resp: 172158

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

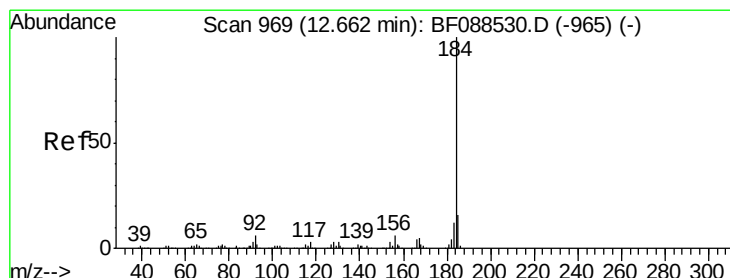
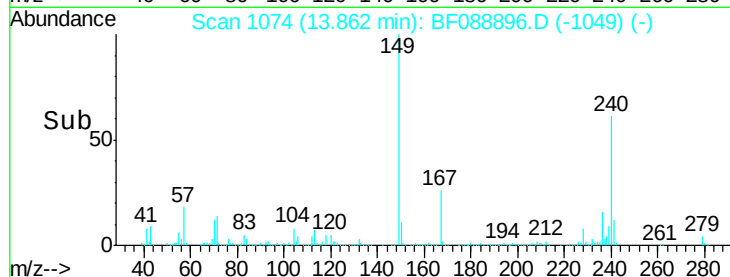
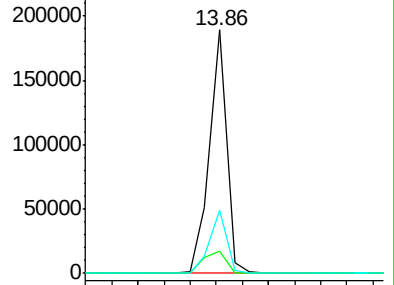
236 25.8 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.06 ng

RT: 12.56 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

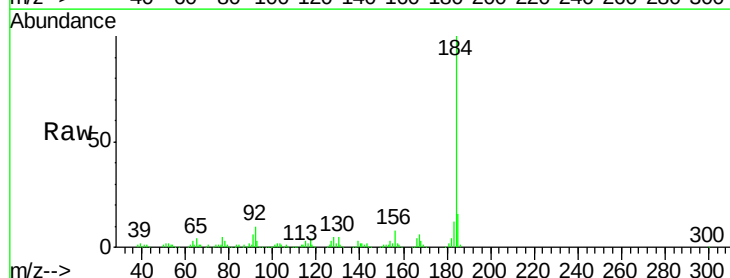
Tgt Ion:184 Resp: 261613

Ion Ratio Lower Upper

184 100

185 15.7 12.5 18.7

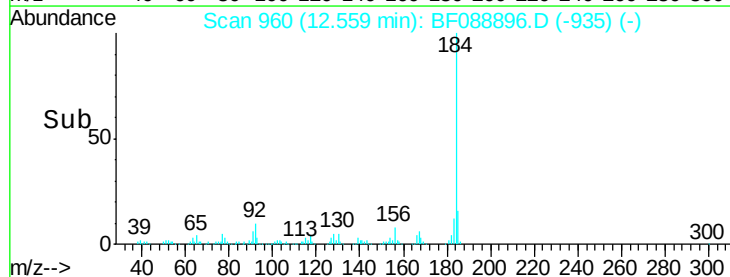
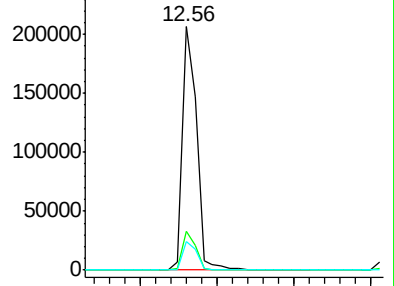
183 11.8 9.3 13.9

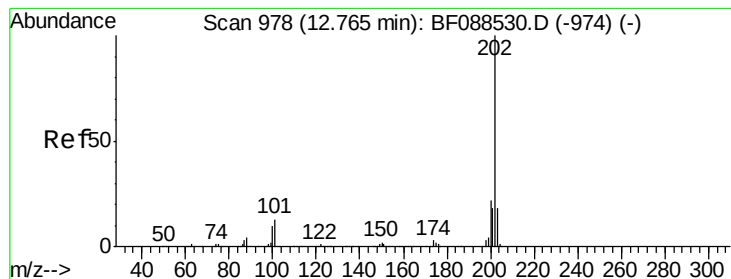


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.59 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

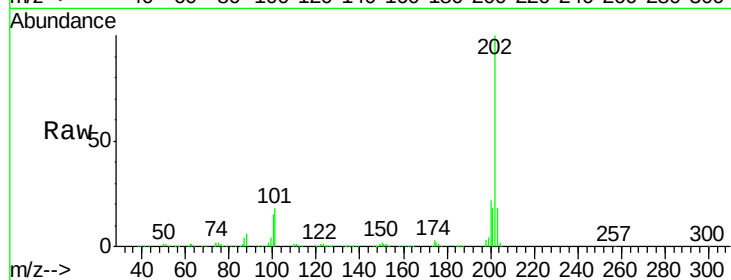
Tgt Ion: 202 Resp: 592482

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

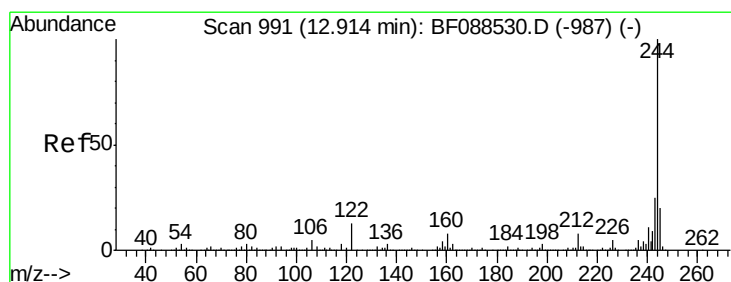
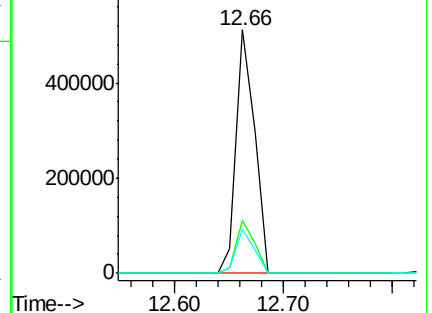
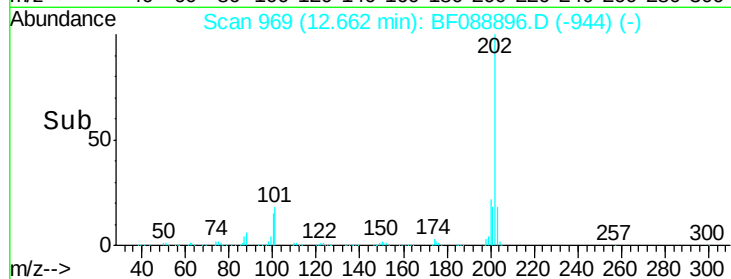
203 18.1 14.5 21.7



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: 104.48 ng

RT: 12.82 min Scan# 983

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

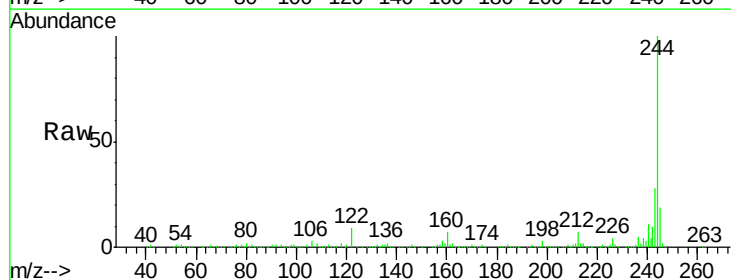
Tgt Ion: 244 Resp: 807530

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

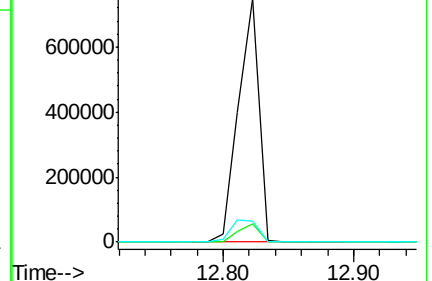
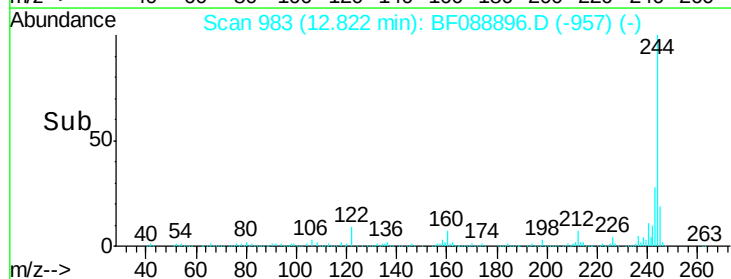
122 8.5 11.2 16.8#

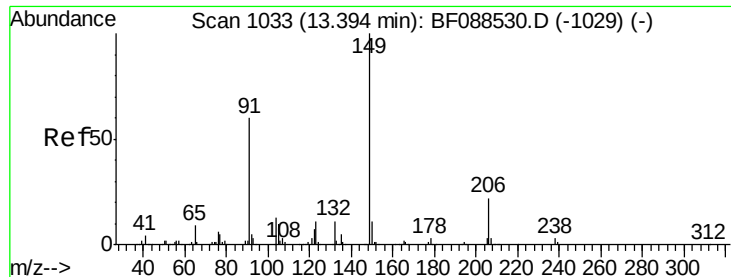


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

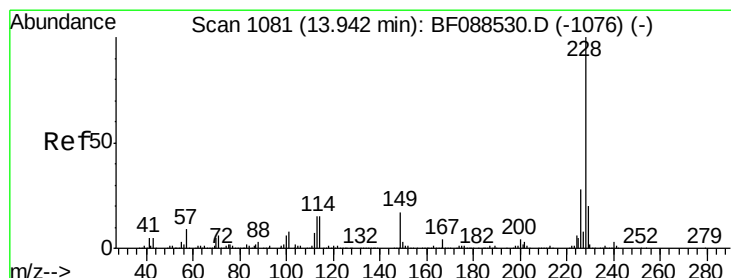
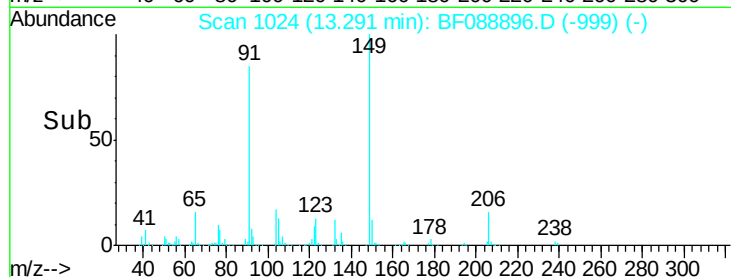
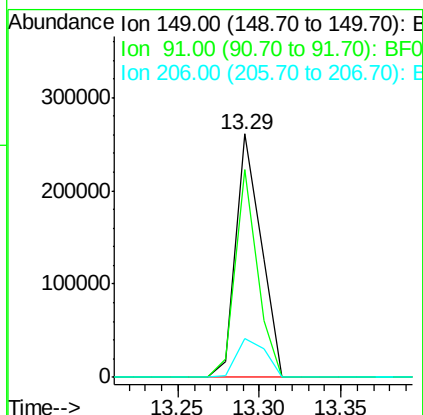
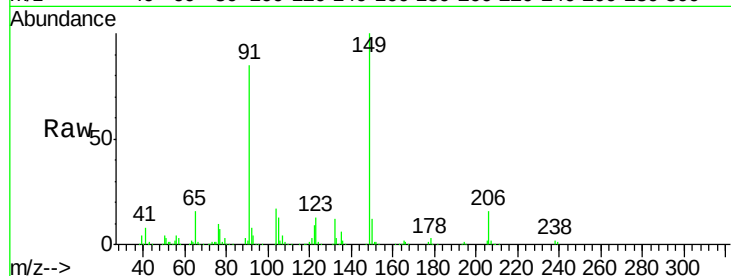




#79
Butylbenzylphthalate
Concen: 42.86 ng
RT: 13.29 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

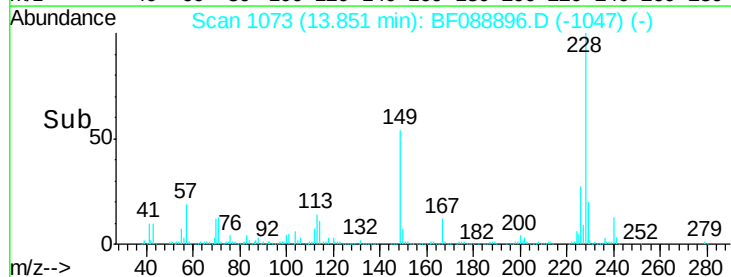
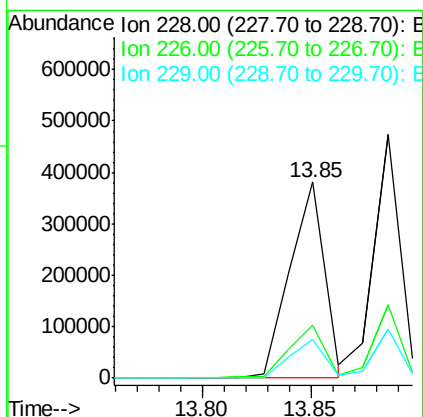
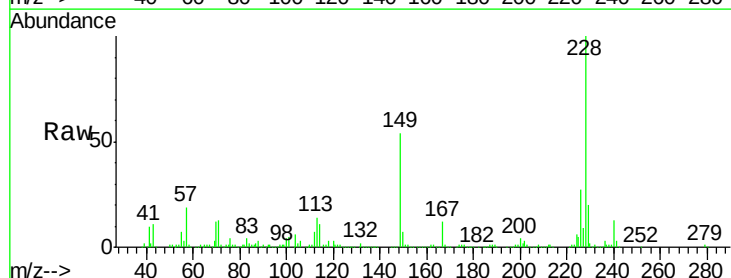
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

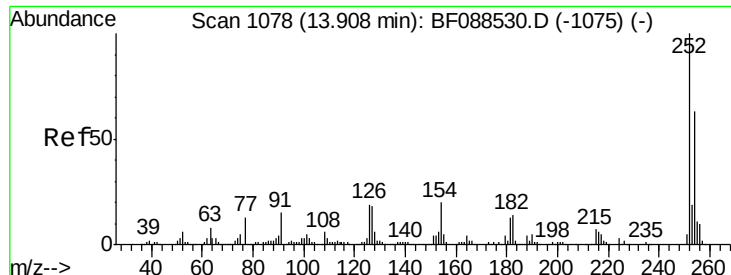
Tgt Ion:149 Resp: 279073
Ion Ratio Lower Upper
149 100
91 85.3 48.0 72.0#
206 15.8 16.0 24.0#



#80
Benzo(a)anthracene
Concen: 38.31 ng
RT: 13.85 min Scan# 1073
Delta R.T. 0.00 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion:228 Resp: 424666
Ion Ratio Lower Upper
228 100
226 27.2 22.3 33.5
229 19.7 16.0 24.0

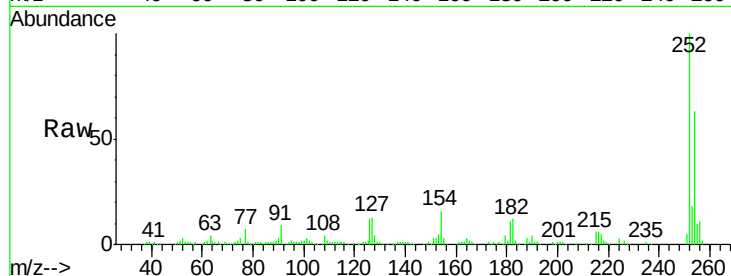




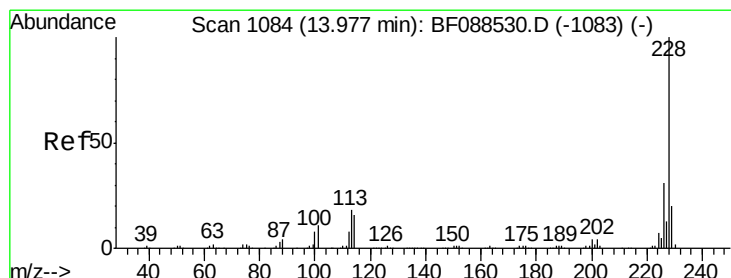
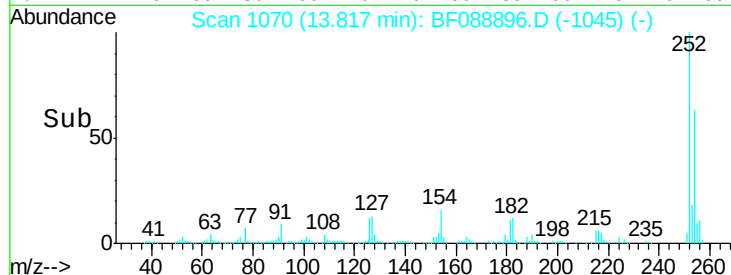
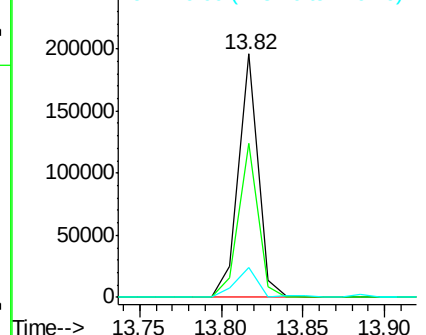
#81
 3,3'-Dichlorobenzidine
 Concen: 38.80 ng
 RT: 13.82 min Scan# 1070
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 252 Resp: 161697
 Ion Ratio Lower Upper
 252 100
 254 63.3 52.6 78.8
 126 12.5 6.2 9.2#

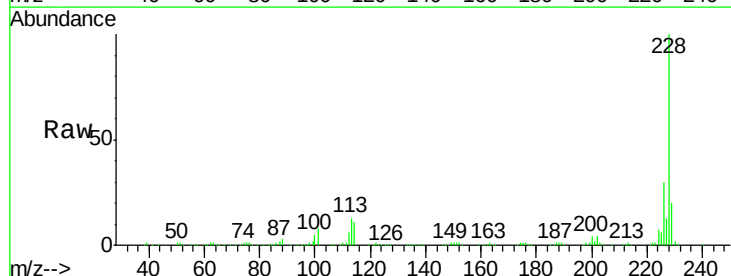


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

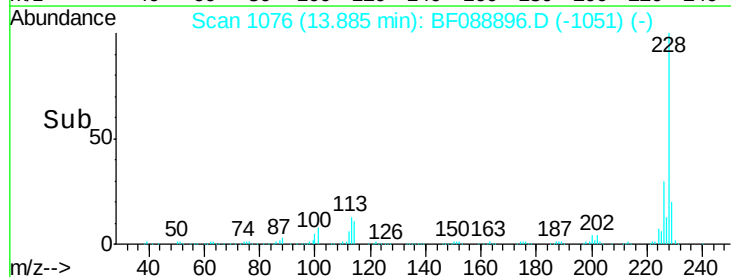
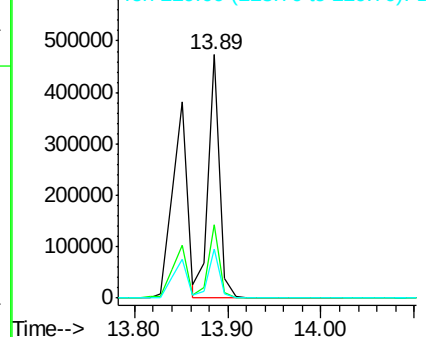


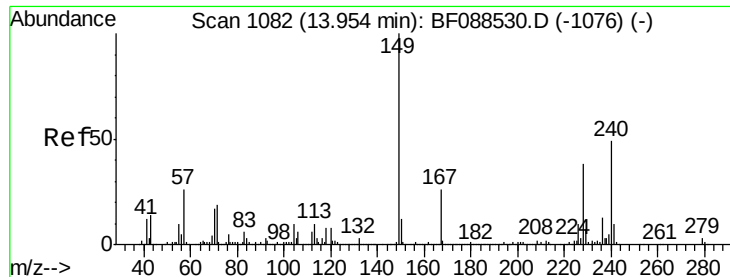
#82
 Chrysene
 Concen: 36.87 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion: 228 Resp: 404376
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.2
 229 20.0 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: 48.60 ng

RT: 13.86 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

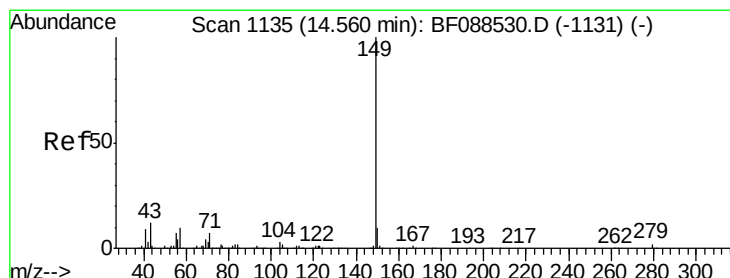
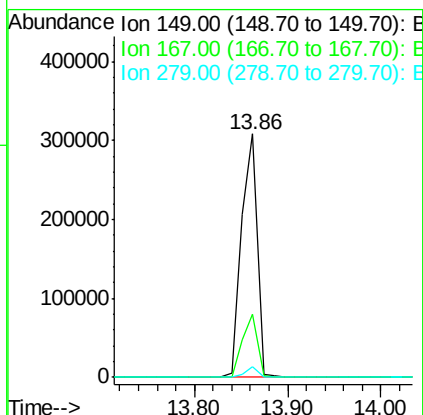
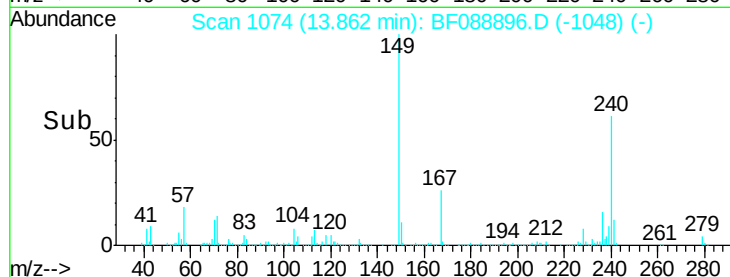
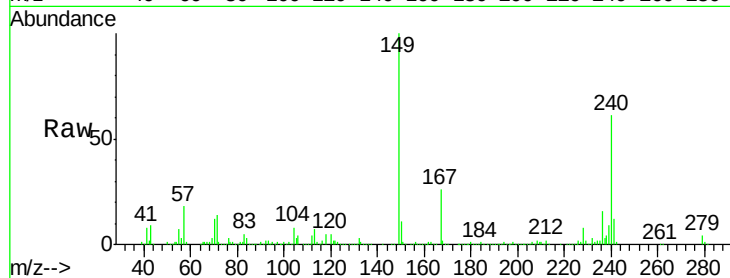
Tgt Ion:149 Resp: 361254

Ion Ratio Lower Upper

149 100

167 26.2 20.5 30.7

279 4.3 2.0 3.0#



#84

Di-n-octyl phthalate

Concen: 44.06 ng

RT: 14.47 min Scan# 1127

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

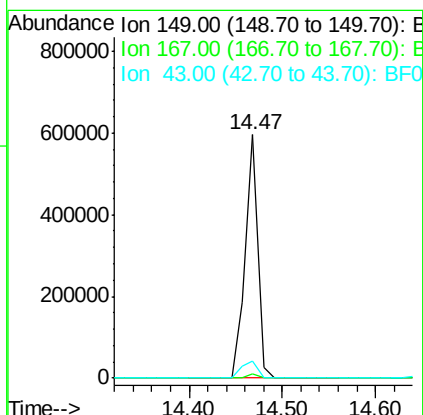
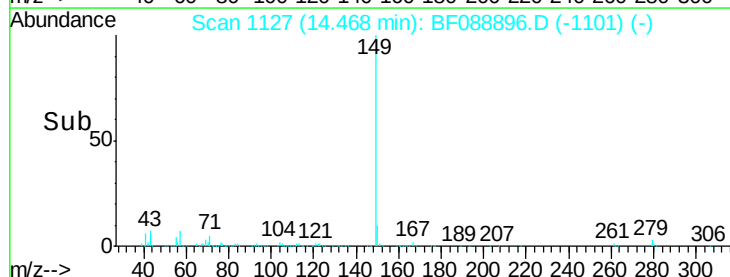
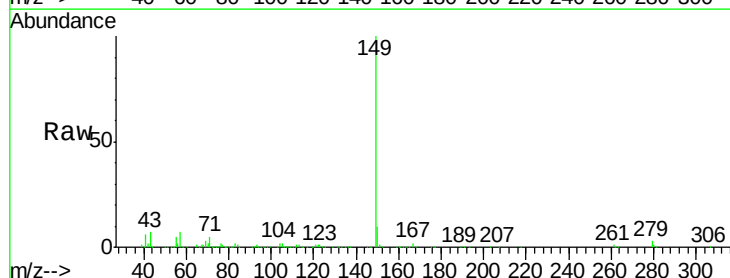
Tgt Ion:149 Resp: 556379

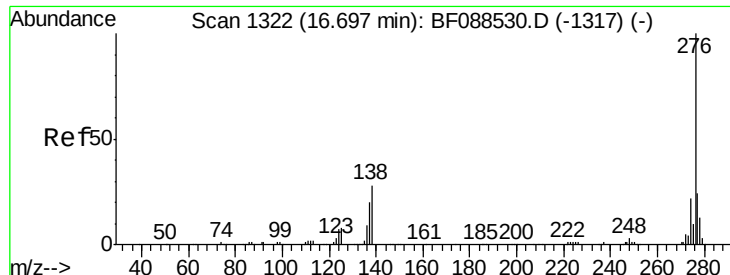
Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

43 8.9 0.0 0.0#

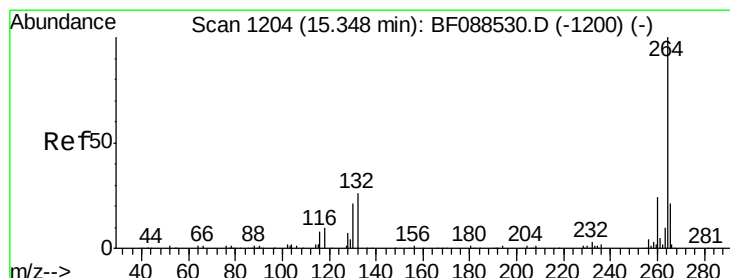
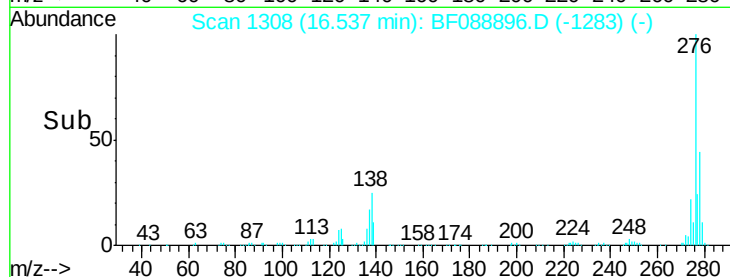
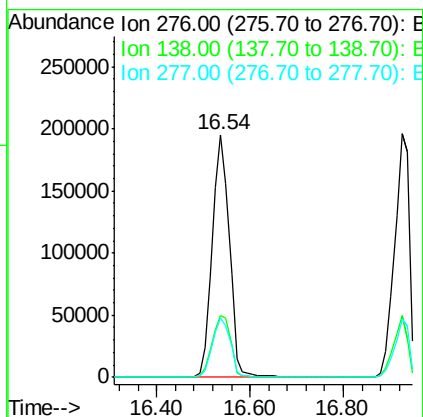
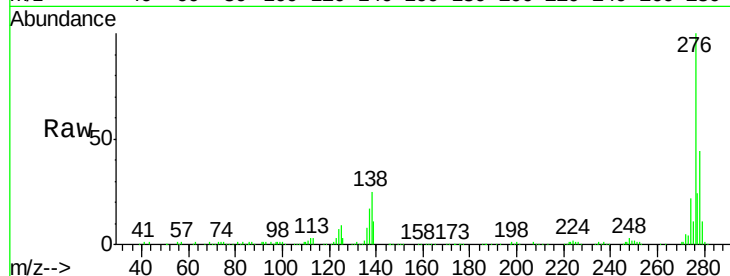




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 59.34 ng
 RT: 16.54 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

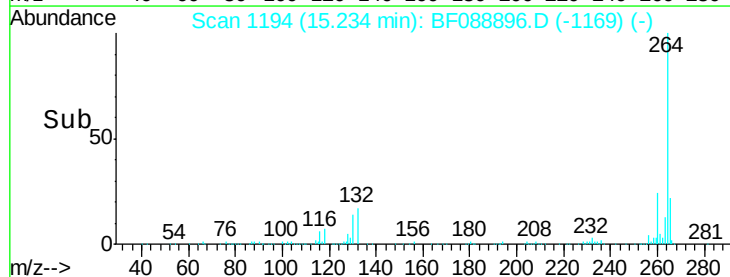
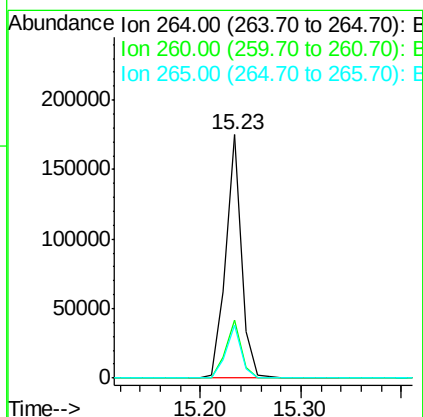
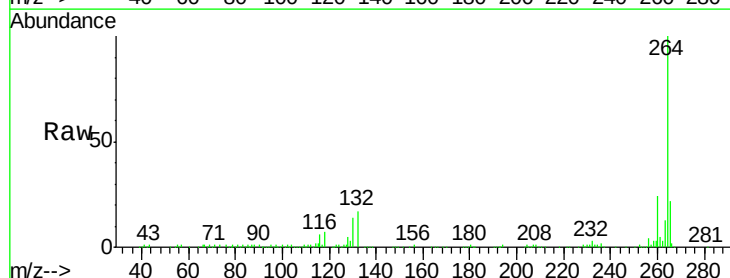
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

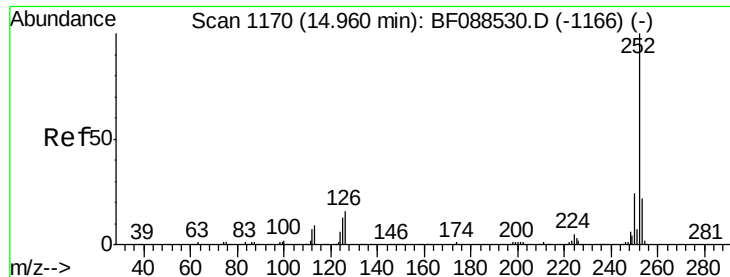
Tgt Ion: 276 Resp: 500689
 Ion Ratio Lower Upper
 276 100
 138 27.5 0.0 0.0#
 277 25.5 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF088896.D
 Acq: 10 Jul 2016 3:50

Tgt Ion: 264 Resp: 190720
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.6 16.9 25.3

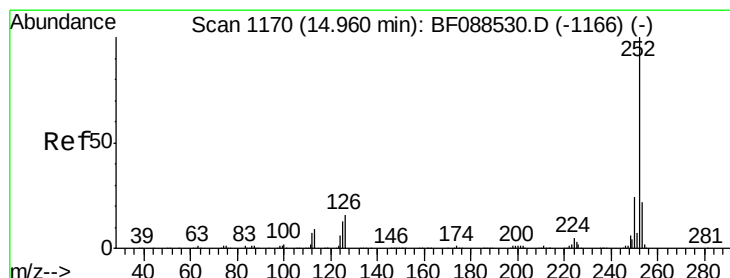
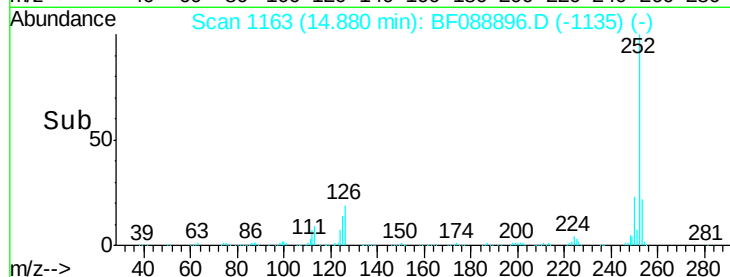
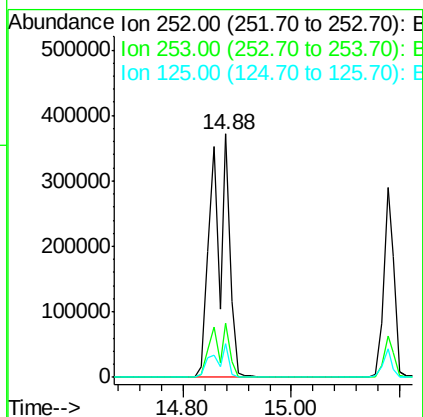
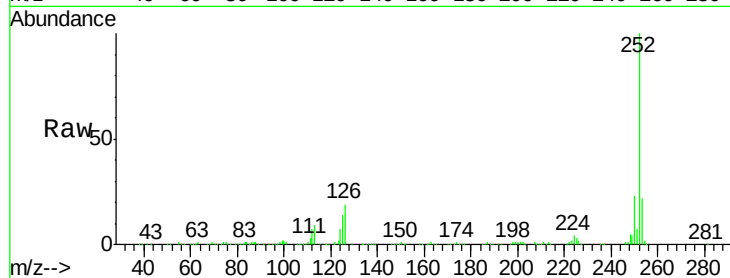




#87
Benzo(b)fluoranthene
Concen: 67.16 ng
RT: 14.88 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

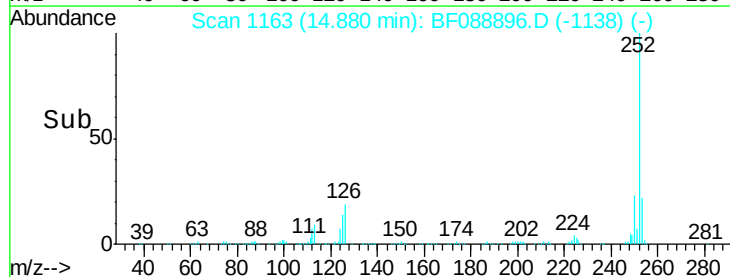
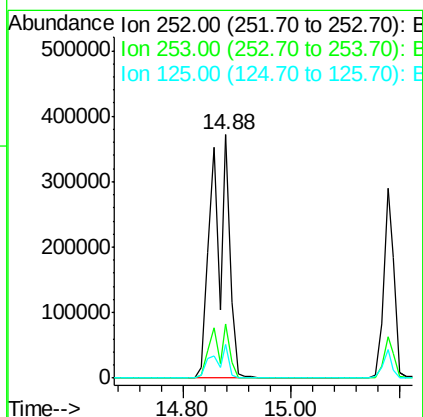
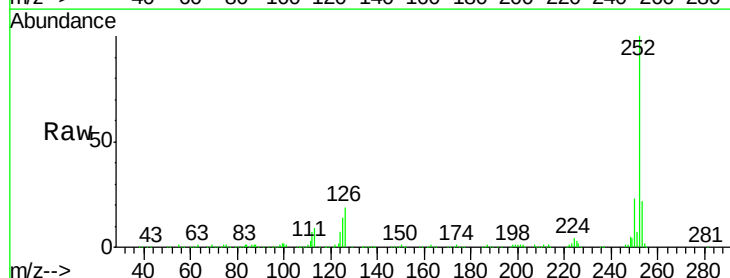
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

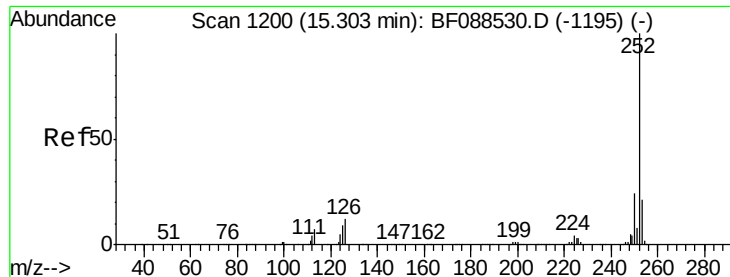
Tgt Ion: 252 Resp: 803558
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 13.7 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 77.15 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF088896.D
Acq: 10 Jul 2016 3:50

Tgt Ion: 252 Resp: 803558
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 13.7 11.2 16.8





#89

Benzo(a)pyrene

Concen: 39.53 ng

RT: 15.18 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

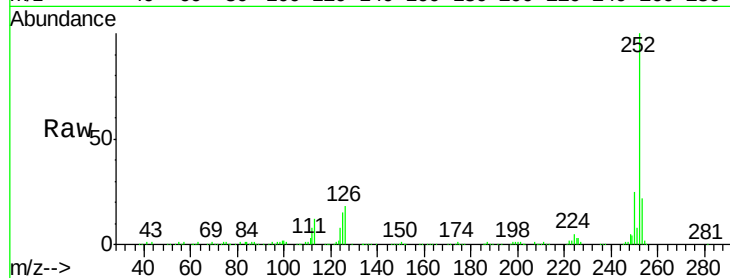
Tgt Ion:252 Resp: 400427

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

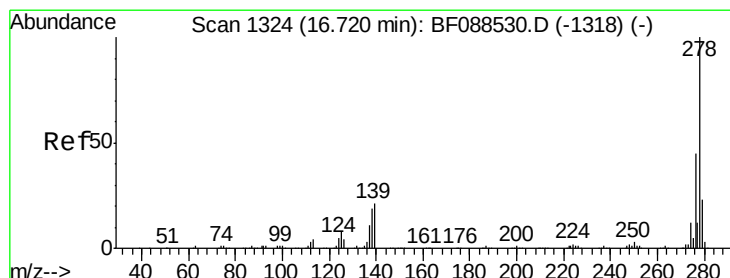
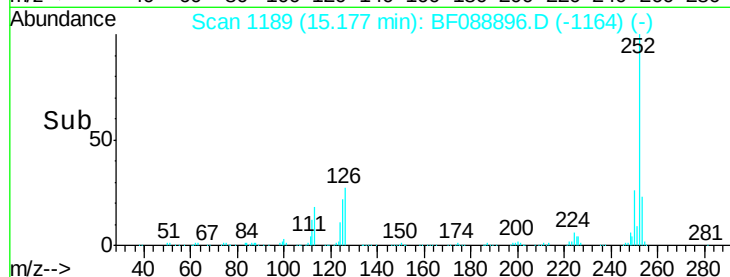
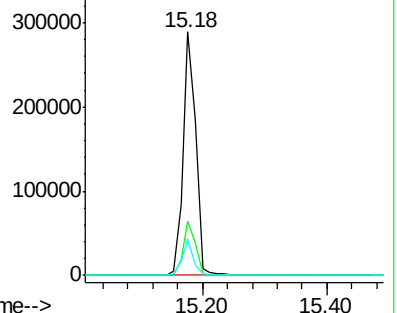
125 15.0 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.96 ng

RT: 16.56 min Scan# 1310

Delta R.T. 0.00 min

Lab File: BF088896.D

Acq: 10 Jul 2016 3:50

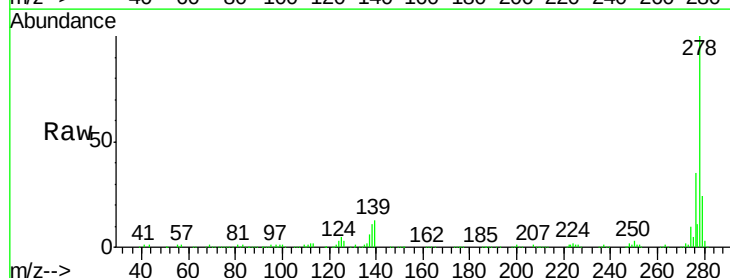
Tgt Ion:278 Resp: 431081

Ion Ratio Lower Upper

278 100

139 13.4 15.7 23.5#

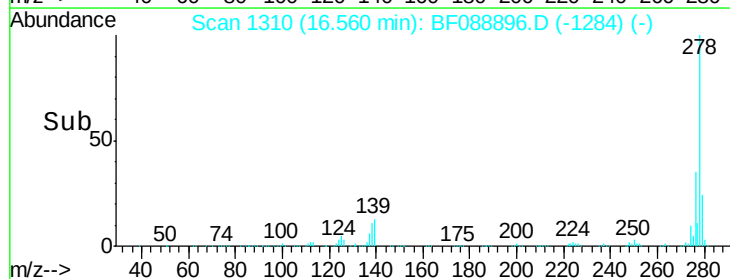
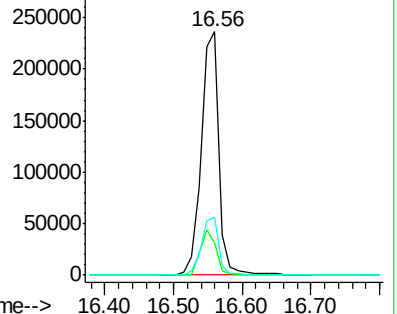
279 23.7 19.4 29.2

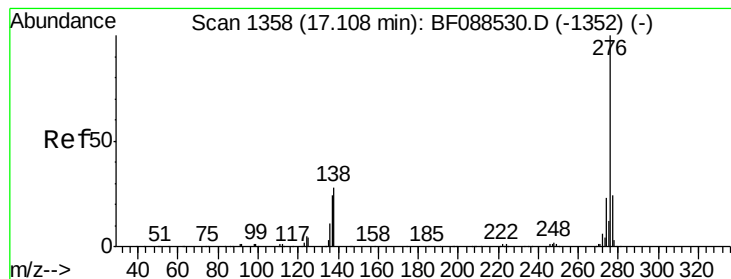


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.69 ng

RT: 16.93 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF088896.D

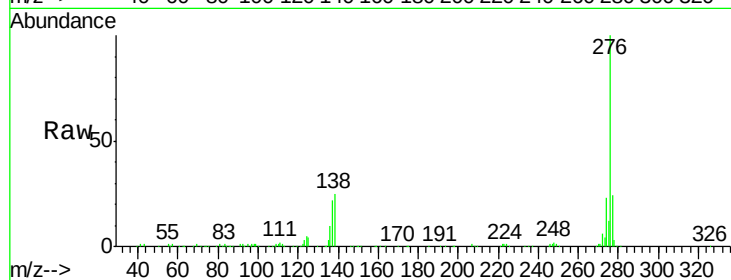
Acq: 10 Jul 2016 3:50

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



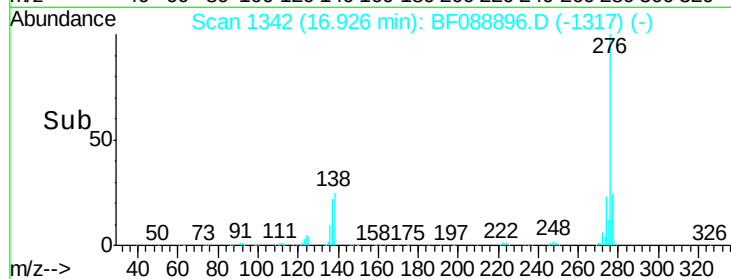
Tgt Ion: 276 Resp: 443712

Ion Ratio Lower Upper

276 100

277 23.7 18.9 28.3

138 25.4 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

250000

200000

150000

100000

50000

0

16.80

16.93

17.00

17.20

Time-->