

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
 Data File : BF086307.D
 Acq On : 20 Apr 2016 14:13
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Quant Time: Apr 20 15:05:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:02:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	260947	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1076421	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	468383	20.00	ng	-0.03
63) Phenanthrene-d10	11.39	188	755215	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	427455	20.00	ng	-0.03
86) Perylene-d12	15.45	264	470825	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1209321	80.86	ng	-0.03
7) Phenol-d6	6.50	99	1497449	76.51	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1432692	76.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	292040	80.00	ng	-0.03
44) 2-Fluorobiphenyl	9.23	172	2026185	82.04	ng	-0.03
78) Terphenyl-d14	12.97	244	1337188	74.46	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.46	88	317843	39.23 ng	98
3) Pyridine	3.20	79	839694	40.48 ng	95
4) n-Nitrosodimethylamine	3.14	42	291986	40.86 ng	# 69
6) Aniline	6.52	93	1036199	39.34 ng	91
8) 2-Chlorophenol	6.65	128	667178	37.55 ng	89
9) Benzaldehyde	6.41	77	551594	39.76 ng	92
10) Phenol	6.51	94	920022	41.02 ng	100
11) bis(2-Chloroethyl)ether	6.60	93	746213	38.09 ng	88
12) 1,3-Dichlorobenzene	7.04	146	618930	31.76 ng	96
13) 1,4-Dichlorobenzene	6.89	146	779802	37.44 ng	96
14) 1,2-Dichlorobenzene	7.04	146	695964	37.67 ng	96
15) Benzyl Alcohol	7.01	79	483690	39.78 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1097849	39.83 ng	92
17) 2-Methylphenol	7.12	107	572927	38.59 ng	98
18) Hexachloroethane	7.38	117	251767	40.56 ng	94
19) n-Nitroso-di-n-propylamine	7.29	70	472336	39.84 ng	97
20) 3+4-Methylphenols	7.28	107	594495	36.91 ng	# 79
22) Acetophenone	7.28	105	816349	36.10 ng	# 87
24) Nitrobenzene	7.45	77	744092	37.01 ng	94
25) Isophorone	7.69	82	1312668	36.86 ng	99
26) 2-Nitrophenol	7.77	139	385065	42.81 ng	# 79
27) 2,4-Dimethylphenol	7.80	122	643134	36.46 ng	95
28) bis(2-Chloroethoxy)methane	7.90	93	822453	39.49 ng	99
29) 2,4-Dichlorophenol	8.01	162	553914	39.82 ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	563495	37.55 ng	96
31) Naphthalene	8.18	128	2016966	39.31 ng	97
32) Benzoic acid	7.93	122	424451	40.49 ng	93
33) 4-Chloroaniline	8.22	127	845177	39.80 ng	95
34) Hexachlorobutadiene	8.29	225	275262	36.40 ng	99
35) Caprolactam	8.60	113	186810	41.47 ng	# 78
36) 4-Chloro-3-methylphenol	8.70	107	617900	39.50 ng	98
37) 2-Methylnaphthalene	8.86	142	1169112	36.90 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	477078	38.27 ng	97
40) Hexachlorocyclopentadiene	9.01	237	111889	37.58 ng	95

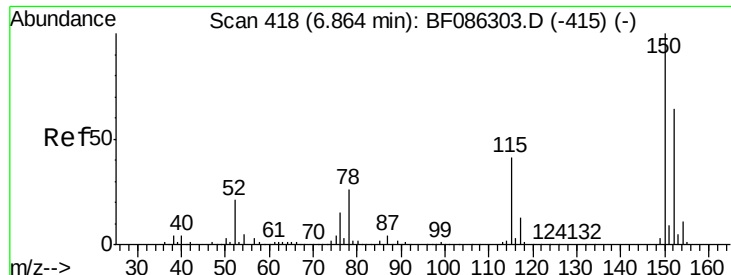
Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	335713	38.82	nq	97
43) 2,4,5-Trichlorophenol	9.18	196	370433	39.33	nq	96
45) 1,1'-Biphenyl	9.33	154	1433886	38.98	nq	97
46) 2-Chloronaphthalene	9.36	162	1130839	40.57	nq	95
47) 2-Nitroaniline	9.45	65	381712	40.29	nq	88
48) Acenaphthylene	9.77	152	1752915	40.27	nq	100
49) Dimethylphthalate	9.63	163	1319780	37.01	nq	100
50) 2,6-Dinitrotoluene	9.69	165	288536	39.32	nq	# 67
51) Acenaphthene	9.94	154	1005525	39.38	nq	100
52) 3-Nitroaniline	9.86	138	369929	39.64	nq	92
53) 2,4-Dinitrophenol	9.96	184	52928	38.32	nq	# 65
54) Dibenzofuran	10.11	168	1389071	40.01	nq	96
55) 4-Nitrophenol	10.02	139	229953	39.74	nq	# 75
56) 2,4-Dinitrotoluene	10.09	165	357024	39.15	nq	# 68
57) Fluorene	10.45	166	1041646	40.49	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	245153	38.79	nq	99
59) Diethylphthalate	10.33	149	1270704	36.52	nq	99
60) 4-Chlorophenyl-phenylether	10.44	204	461481	38.73	nq	93
61) 4-Nitroaniline	10.48	138	340264	38.95	nq	# 80
62) Azobenzene	10.60	77	1304497	38.03	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	89722	39.07	nq	# 63
65) n-Nitrosodiphenylamine	10.57	169	989323	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	299694	36.93	nq	# 87
67) Hexachlorobenzene	11.00	284	304951	37.44	nq	# 72
68) Atrazine	11.09	200	300511	39.29	nq	96
69) Pentachlorophenol	11.18	266	169740	39.79	nq	97
70) Phenanthrene	11.41	178	1440037	40.24	nq	99
71) Anthracene	11.46	178	1432667	37.38	nq	98
72) Carbazole	11.62	167	1389152	38.30	nq	98
73) Di-n-butylphthalate	11.95	149	1820990	39.00	nq	100
74) Fluoranthene	12.59	202	1207355	36.39	nq	98
76) Benzidine	12.73	184	713214	37.79	nq	99
77) Pyrene	12.82	202	1178882	37.18	nq	99
79) Butylbenzylphthalate	13.45	149	655611	39.17	nq	95
80) Benzo(a)anthracene	14.01	228	875200	38.87	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	591415	37.97	nq	97
82) Chrysene	14.04	228	875014	35.95	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	749473	38.24	nq	99
84) Di-n-octyl phthalate	14.61	149	1372791	38.86	nq	96
85) Indeno(1,2,3-cd)pyrene	16.84	276	1038425	41.49	nq	96
87) Benzo(b)fluoranthene	15.04	252	964794	35.43	nq	100
88) Benzo(k)fluoranthene	15.04	252	964794	42.08	nq	# 97
89) Benzo(a)pyrene	15.39	252	980707	39.07	nq	98
90) Dibenzo(a,h)anthracene	16.87	278	871334	39.77	nq	99
91) Benzo(g,h,i)perylene	17.27	276	837912	39.89	nq	97

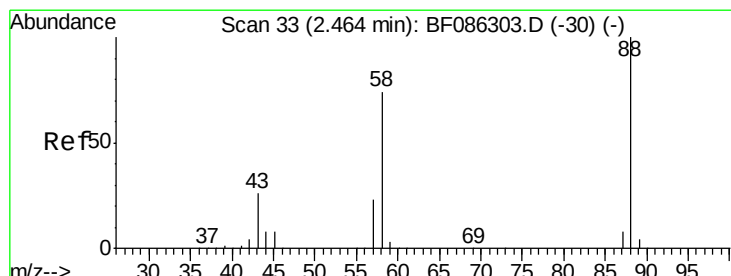
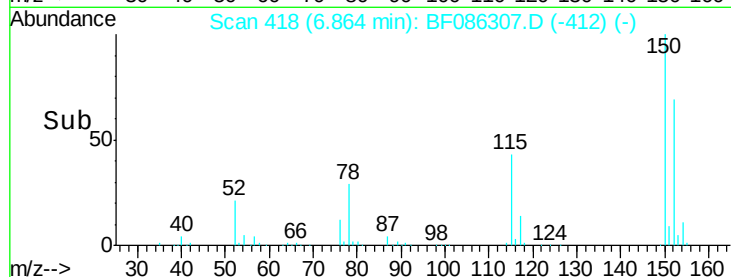
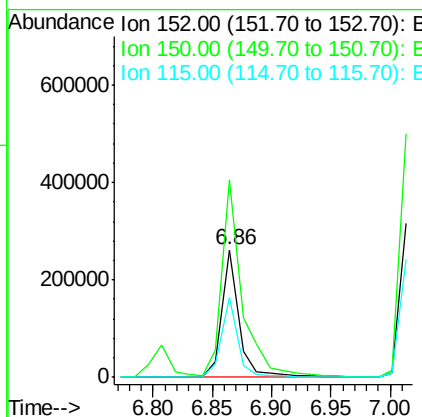
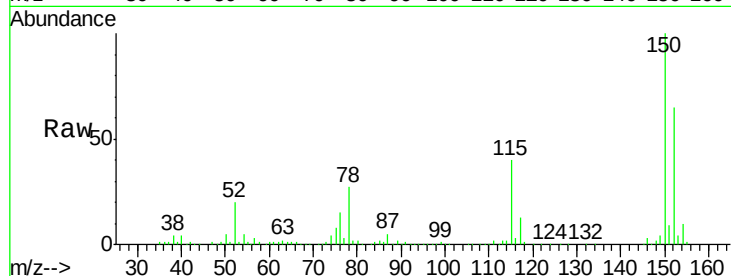
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

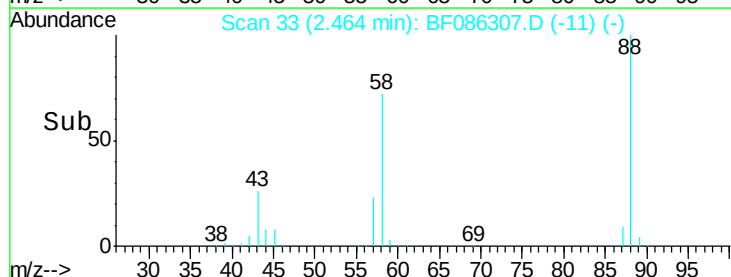
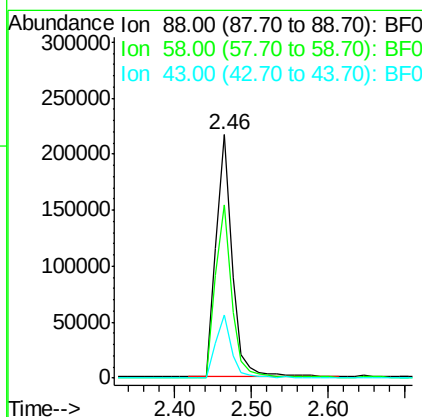
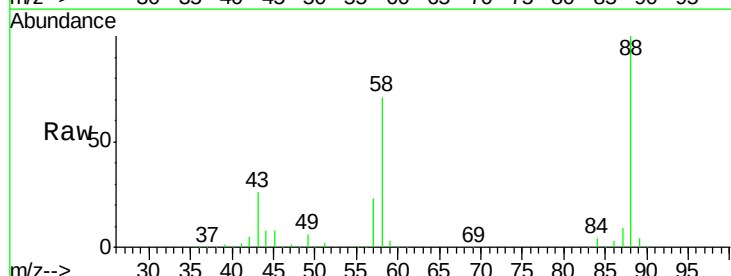
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

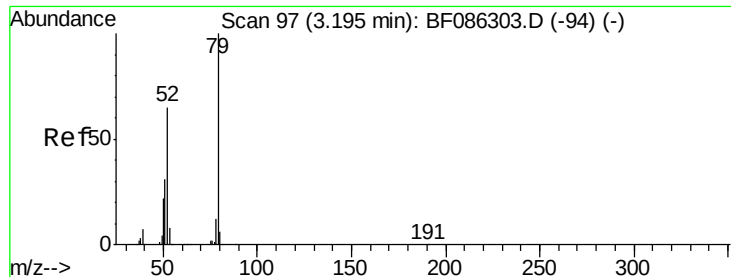
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.1	186.1
115	62.1	43.9	65.9



#2
 1,4-Dioxane
 Concen: 39.23 ng
 RT: 2.46 min Scan# 33
 Delta R.T. -0.05 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.8	58.4	87.6
43	26.3	23.3	34.9





#3

Pvridine

Concen: 40.48 ng

RT: 3.20 min Scan# 97

Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

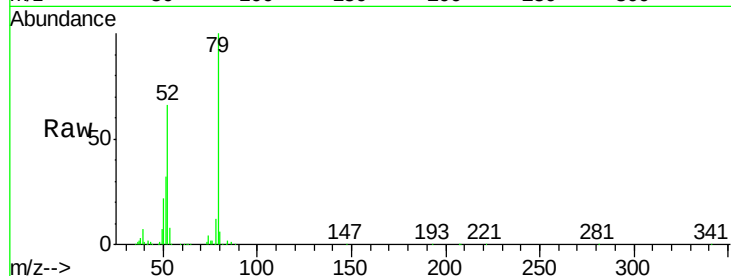
Tot Ion: 79 Resp: 839694

Ion Ratio Lower Upper

79 100

52 66.0 55.4 83.2

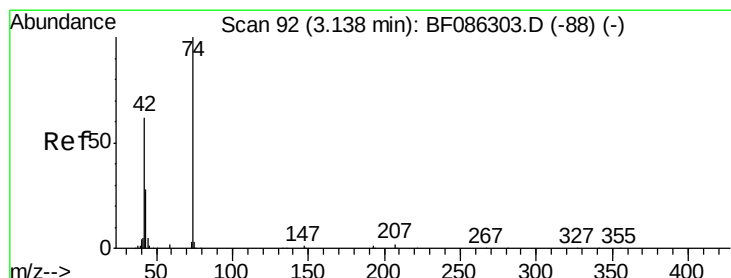
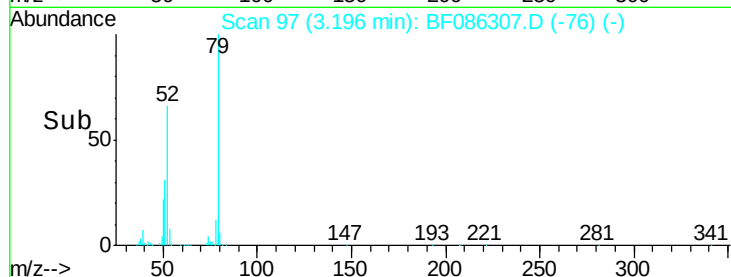
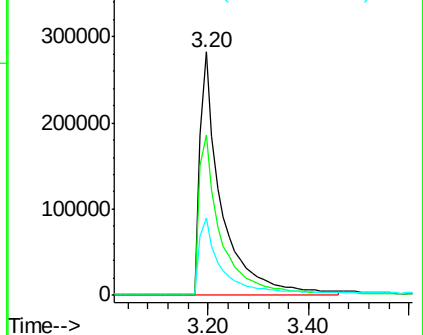
51 31.7 28.1 42.1



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.86 ng

RT: 3.14 min Scan# 92

Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

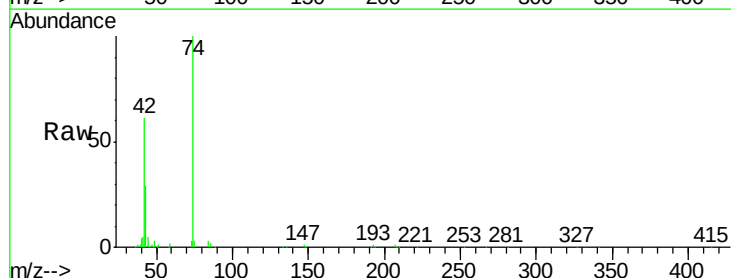
Tgt Ion: 42 Resp: 291986

Ion Ratio Lower Upper

42 100

74 162.8 100.5 150.7#

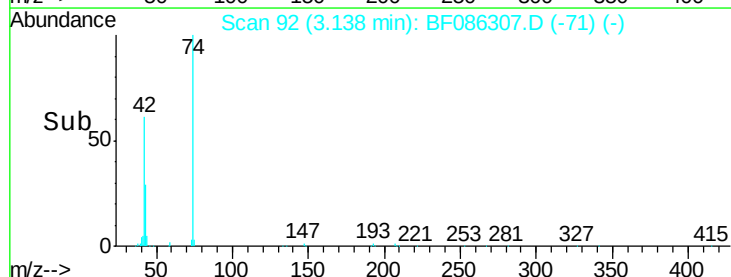
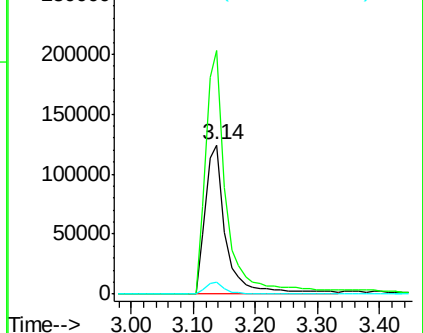
44 7.7 5.4 8.0

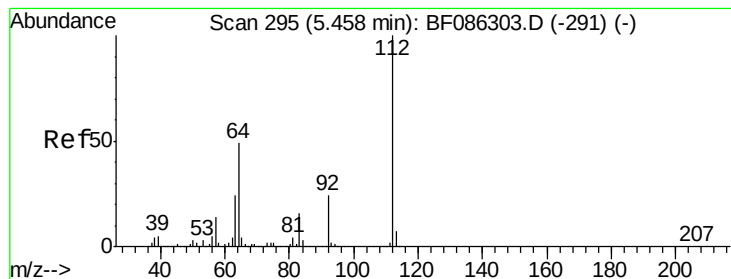


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 80.86 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

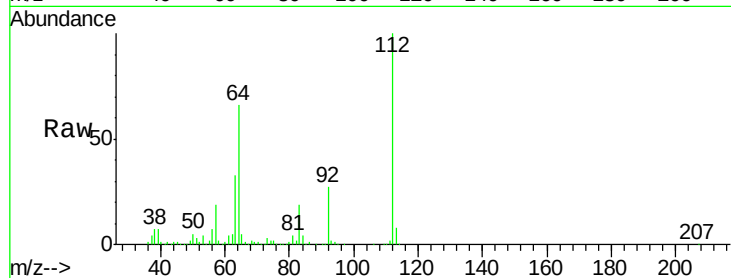
Tot Ion:112 Resp: 1209321

Ion Ratio Lower Upper

112 100

64 65.7 48.1 72.1

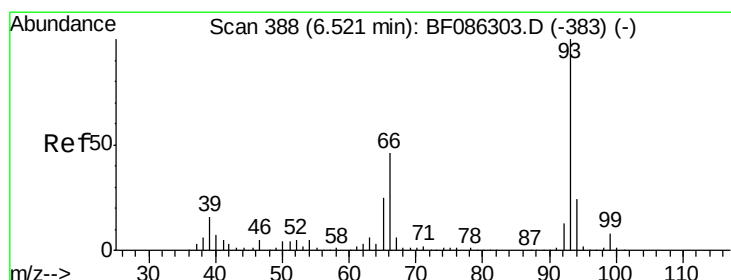
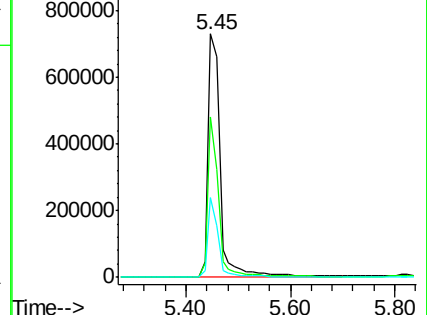
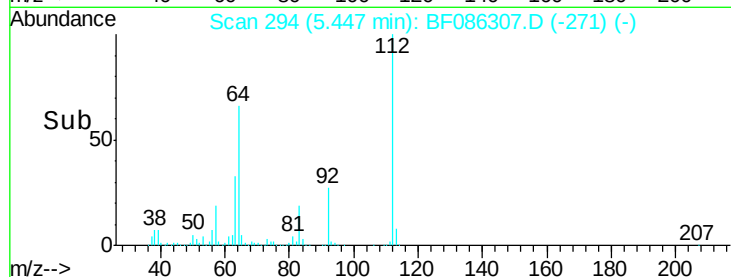
63 32.7 25.5 38.3



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: 39.34 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

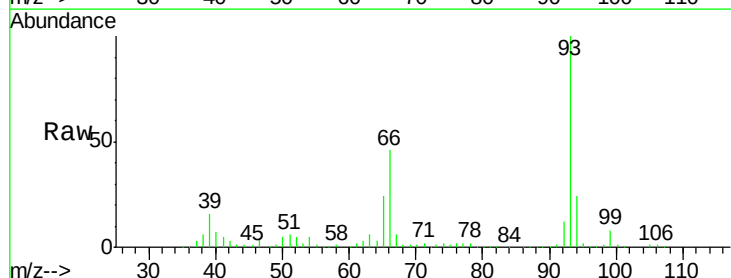
Tgt Ion: 93 Resp: 1036199

Ion Ratio Lower Upper

93 100

66 46.0 32.2 48.2

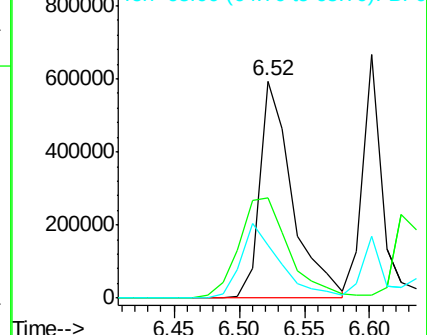
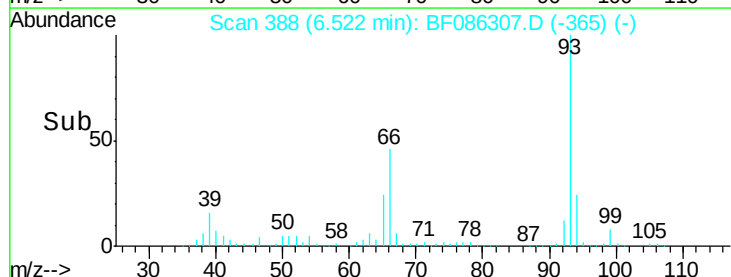
65 24.5 16.4 24.6

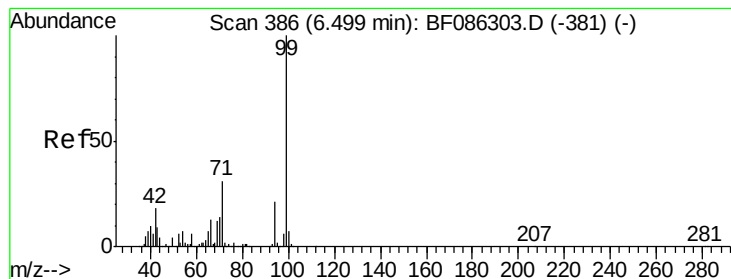


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 76.51 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

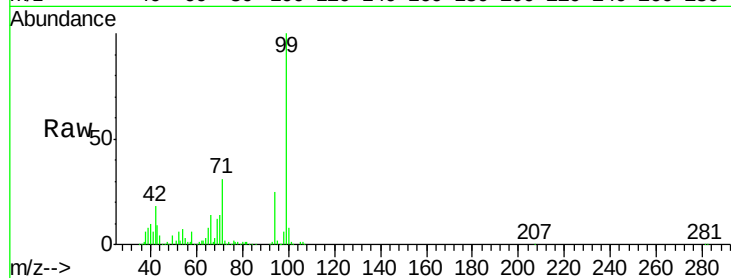
Tot Ion: 99 Resp: 1497449

Ion Ratio Lower Upper

99 100

42 17.8 15.4 23.2

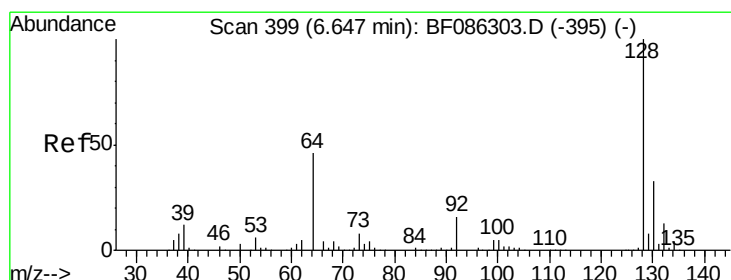
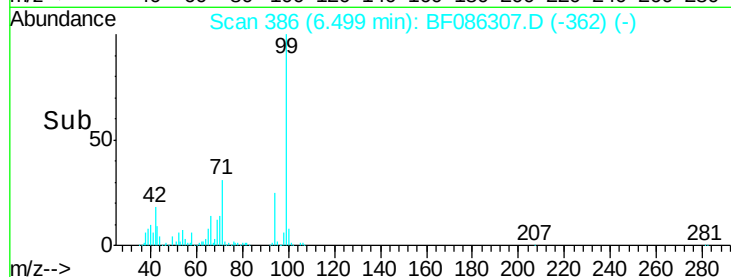
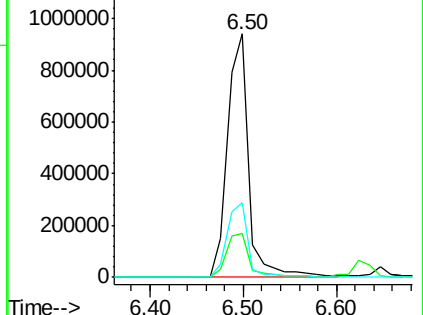
71 30.7 25.6 38.4



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 37.55 ng

RT: 6.65 min Scan# 399

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

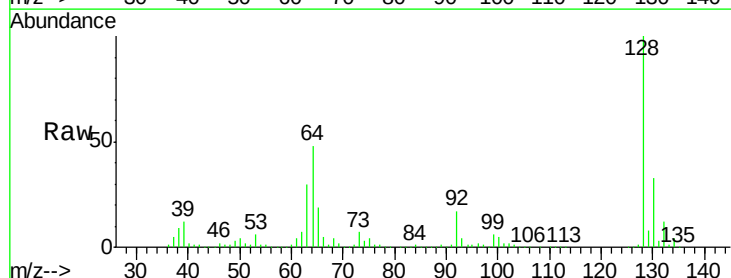
Tgt Ion: 128 Resp: 667178

Ion Ratio Lower Upper

128 100

130 33.2 11.8 51.8

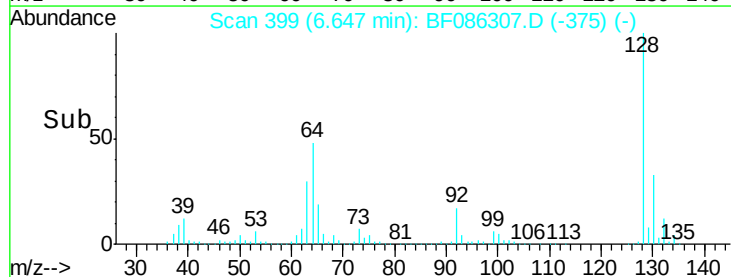
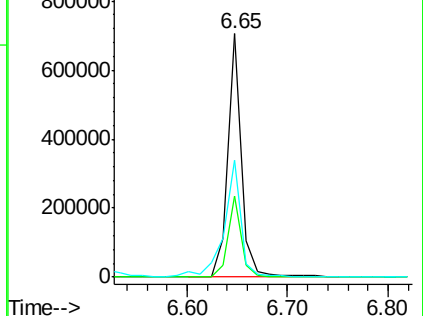
64 48.0 39.5 79.5

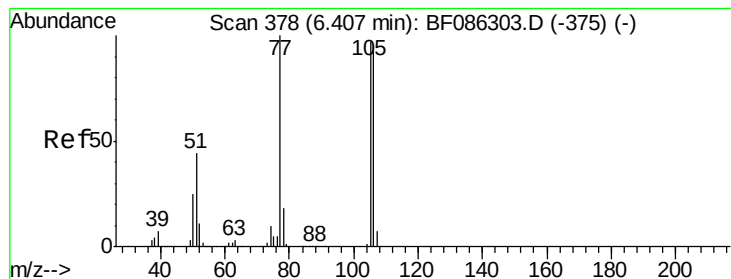


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.76 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

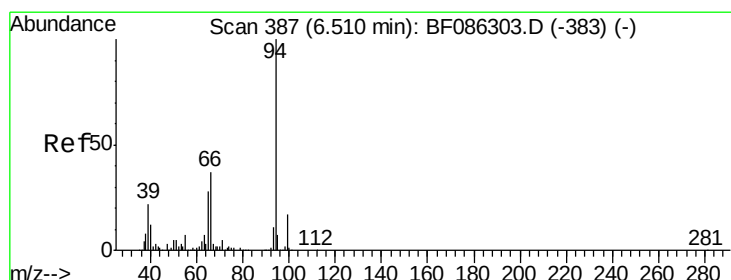
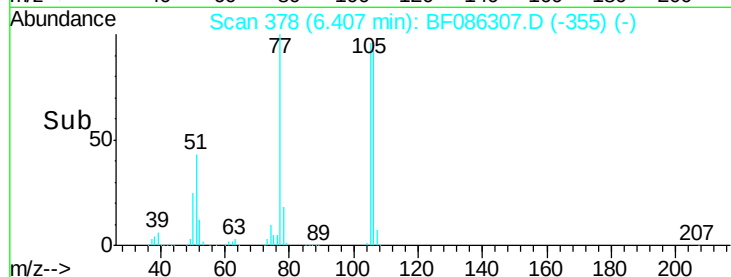
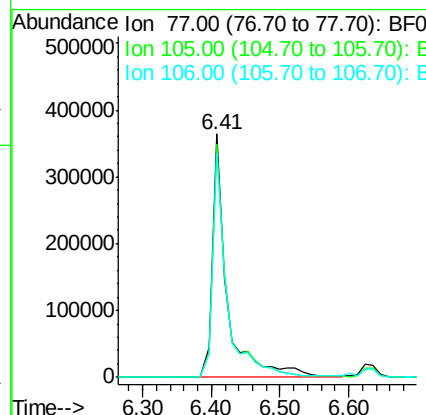
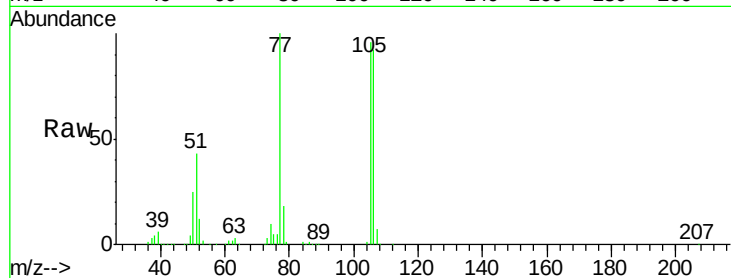
Tot Ion: 77 Resp: 551594

Ion Ratio Lower Upper

77 100

105 95.7 84.6 124.6

106 92.0 78.6 118.6



#10

Phenol

Concen: 41.02 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

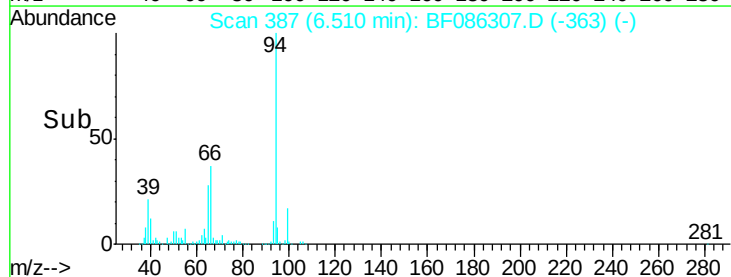
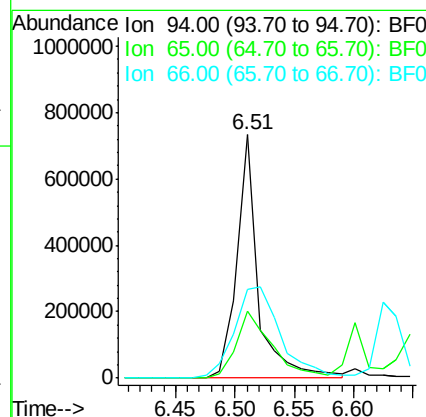
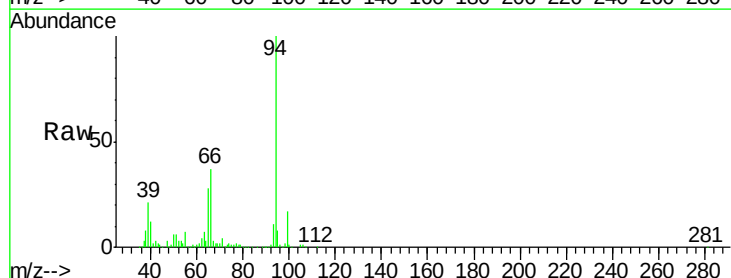
Tgt Ion: 94 Resp: 920022

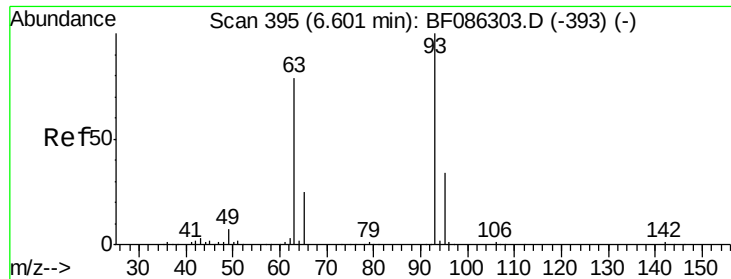
Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 36.5 16.5 56.5

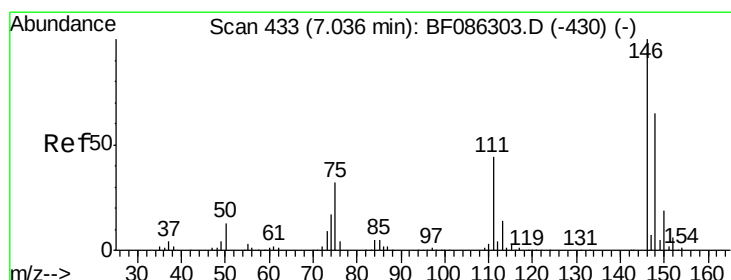
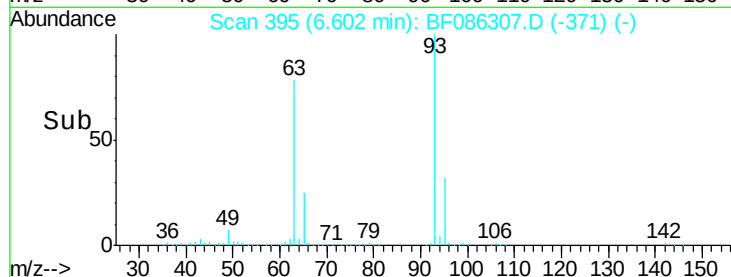
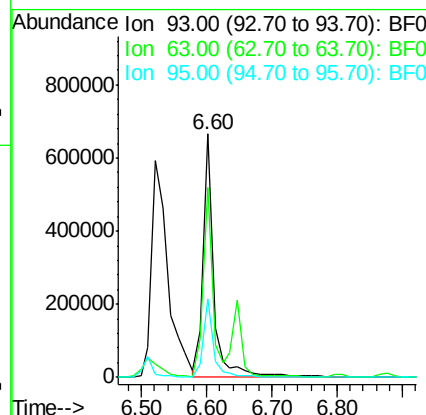
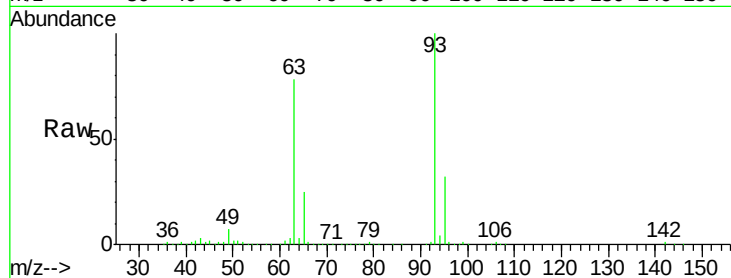




#11
bis(2-Chloroethyl)ether
Concen: 38.09 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

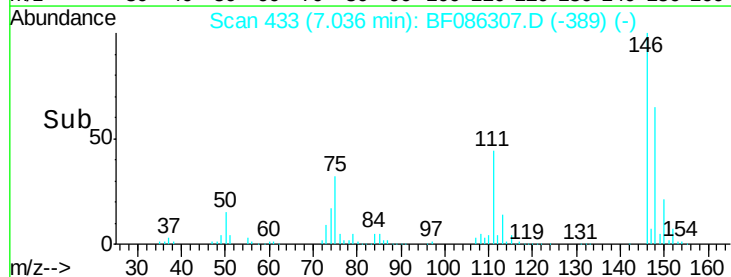
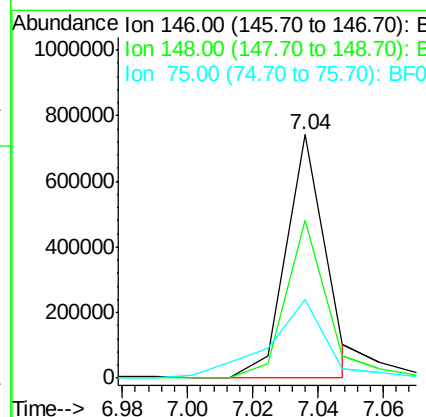
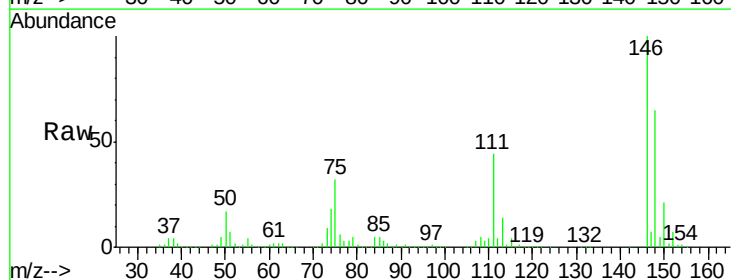
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

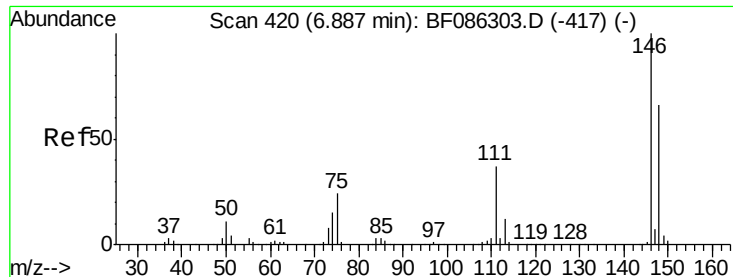
Tot Ion: 93 Resp: 746213
Ion Ratio Lower Upper
93 100
63 78.0 44.4 84.4
95 32.1 13.1 53.1



#12
1,3-Dichlorobenzene
Concen: 31.76 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.21 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion: 146 Resp: 618930
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.4
75 32.3 29.9 44.9

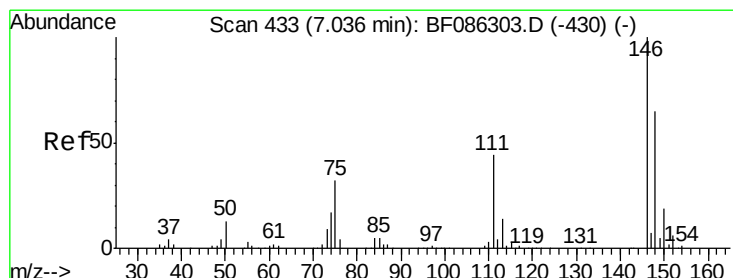
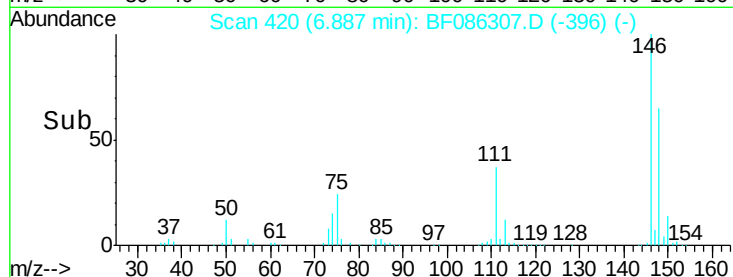
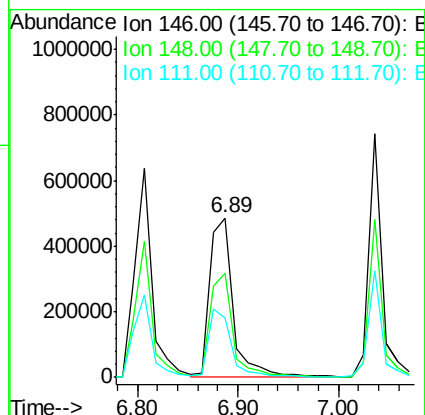
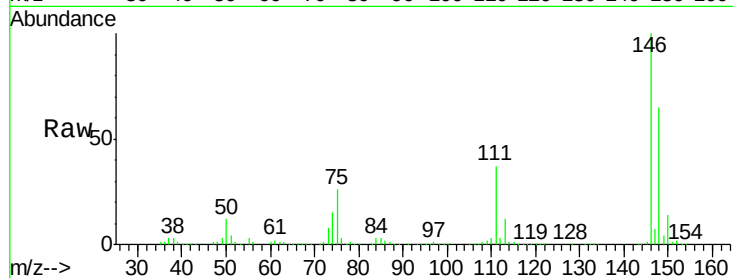




#13
 1,4-Dichlorobenzene
 Concen: 37.44 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

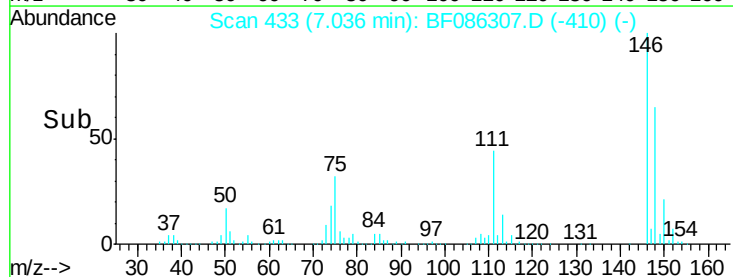
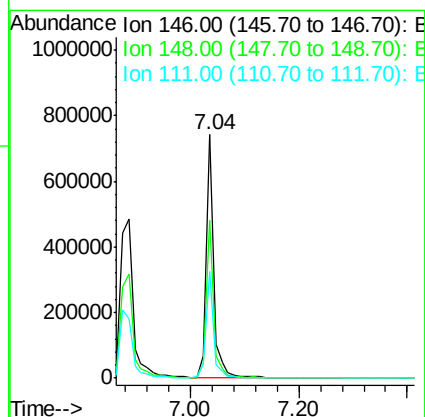
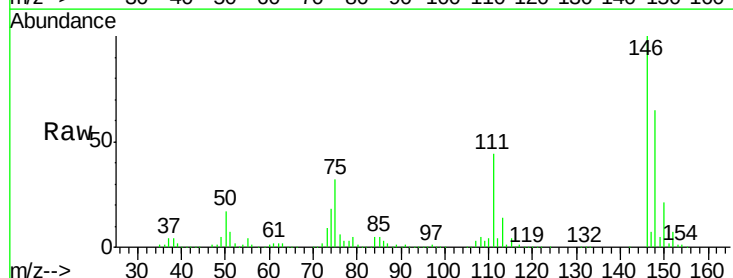
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

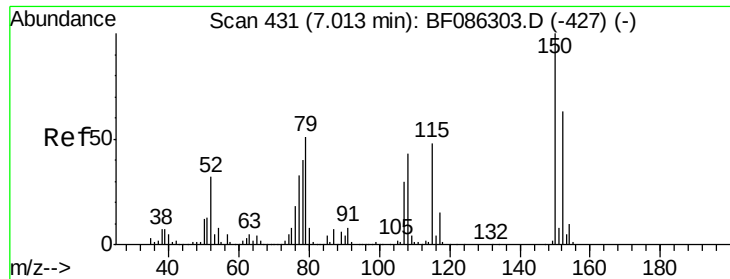
Tot Ion:146 Resp: 779802
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.8 77.6
 111 37.0 34.9 52.3



#14
 1,2-Dichlorobenzene
 Concen: 37.67 ng
 RT: 7.04 min Scan# 433
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:146 Resp: 695964
 Ion Ratio Lower Upper
 146 100
 148 64.6 52.2 78.2
 111 43.9 31.0 46.4





#15

Benzyl Alcohol

Concen: 39.78 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

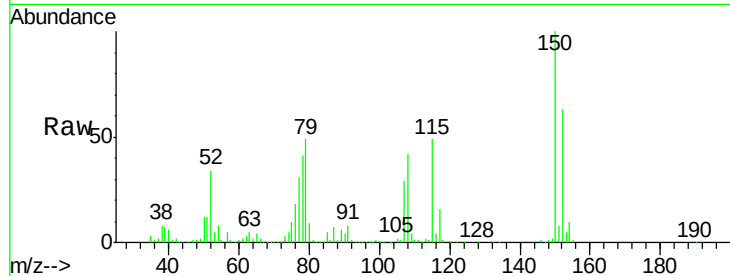
Tot Ion: 79 Resp: 483690

Ion Ratio Lower Upper

79 100

108 85.6 64.8 97.2

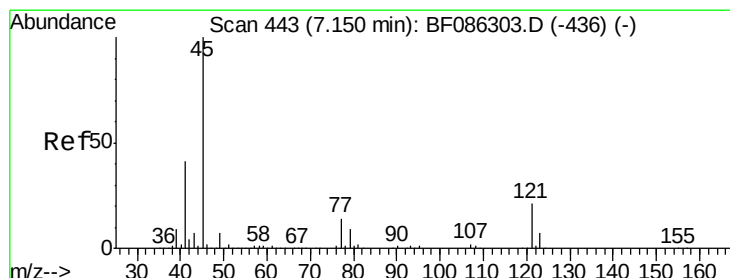
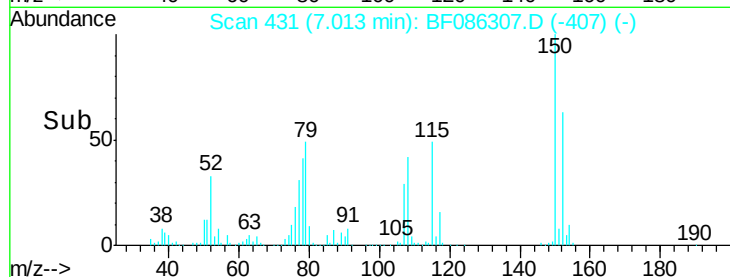
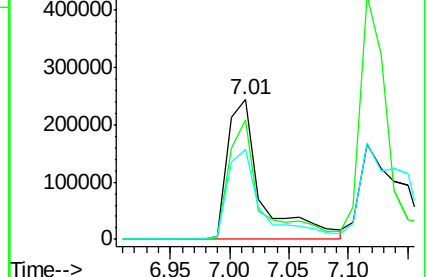
77 64.4 51.9 77.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.83 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

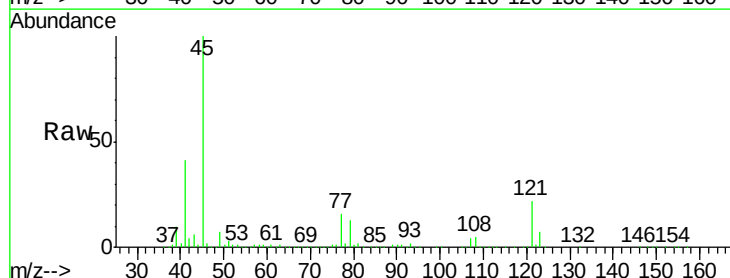
Tgt Ion: 45 Resp: 1097849

Ion Ratio Lower Upper

45 100

77 16.4 0.0 33.7

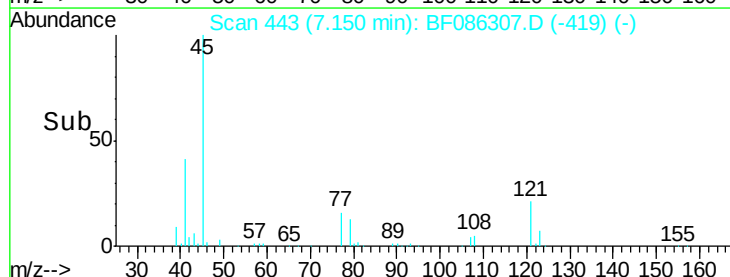
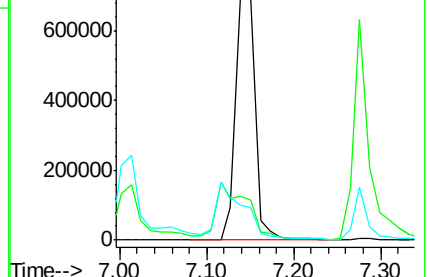
79 13.4 0.0 30.1

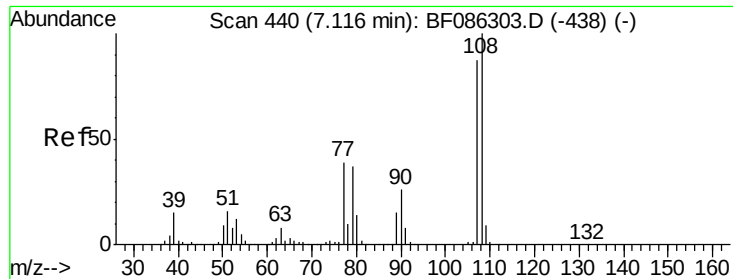


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

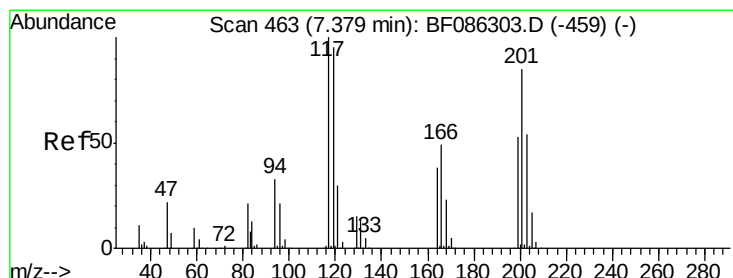
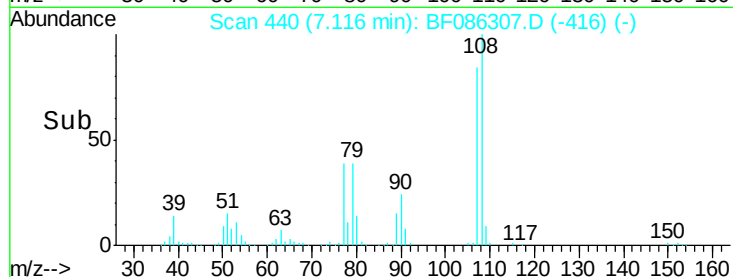
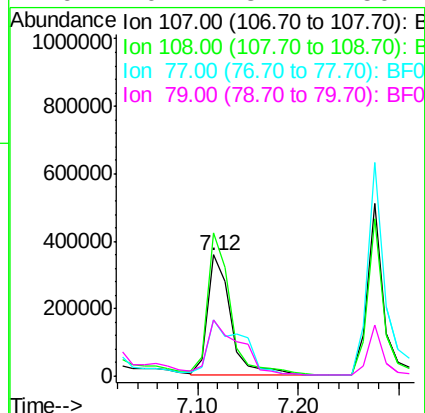
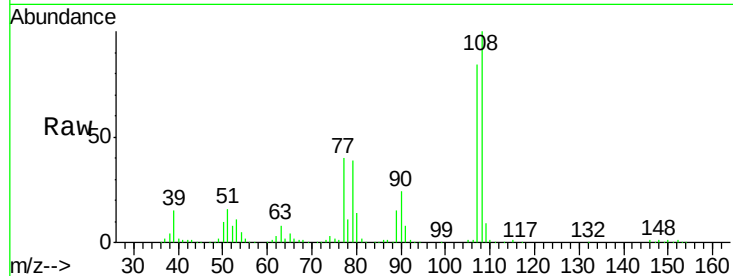




#17
2-Methylphenol
Concen: 38.59 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

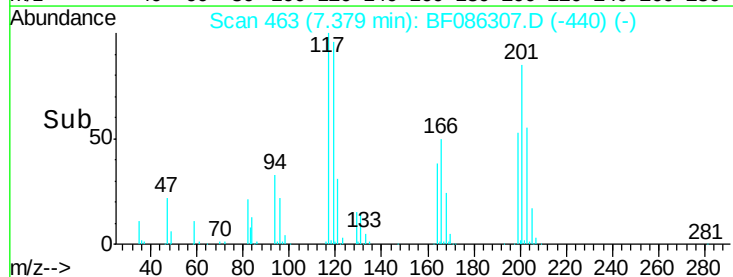
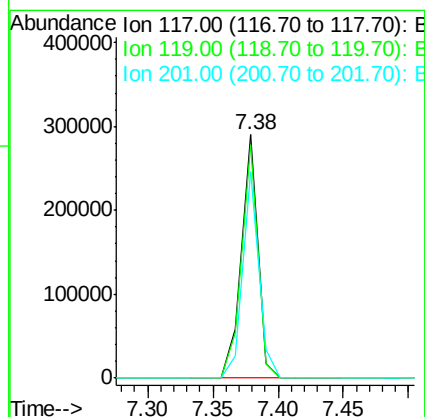
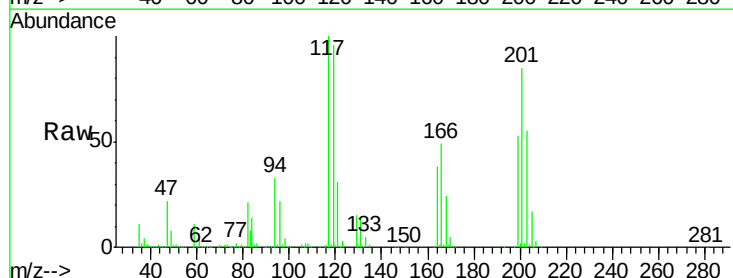
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

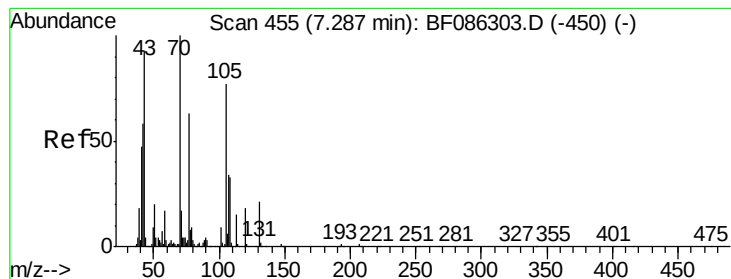
Tot Ion:	107	Resp:	572927
Ion	Ratio	Lower	Upper
107	100		
108	118.4	92.7	139.1
77	46.8	39.6	59.4
79	46.4	37.4	56.2



#18
Hexachloroethane
Concen: 40.56 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:	117	Resp:	251767
Ion	Ratio	Lower	Upper
117	100		
119	95.9	78.2	117.4
201	84.6	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 39.84 ng

RT: 7.29 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion: 70 Resp: 472336

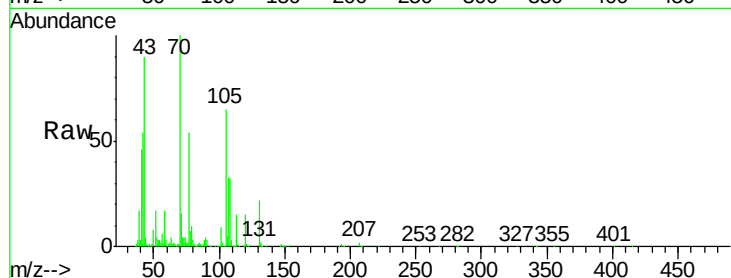
Ion Ratio Lower Upper

70 100

42 54.4 43.0 64.4

101 9.4 8.1 12.1

130 21.6 20.1 30.1



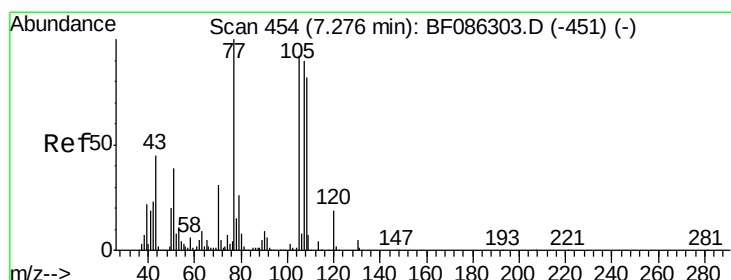
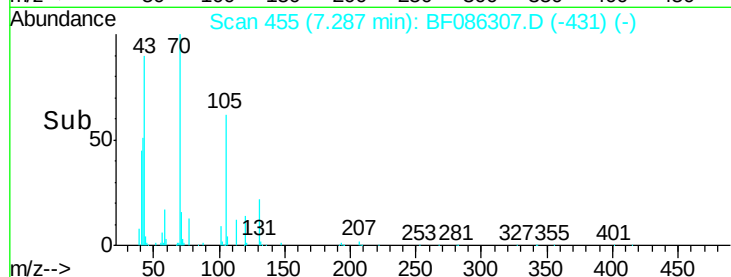
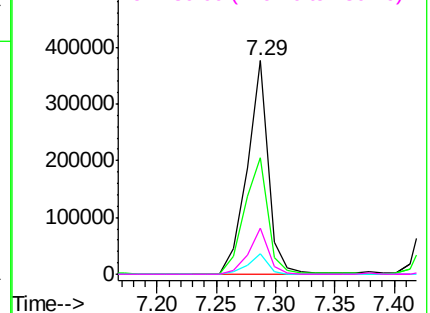
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 36.91 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion: 107 Resp: 594495

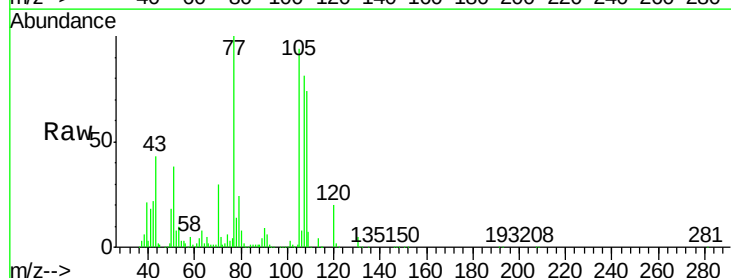
Ion Ratio Lower Upper

107 100

108 91.1 69.7 109.7

77 123.1 60.5 100.5#

79 29.4 8.1 48.1



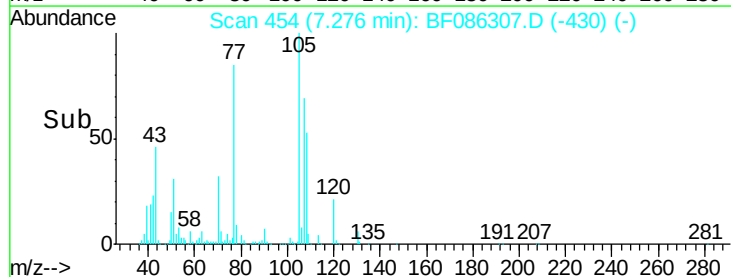
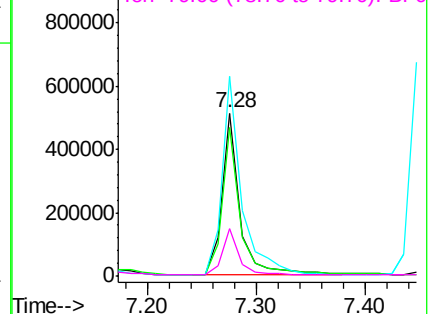
Abundance

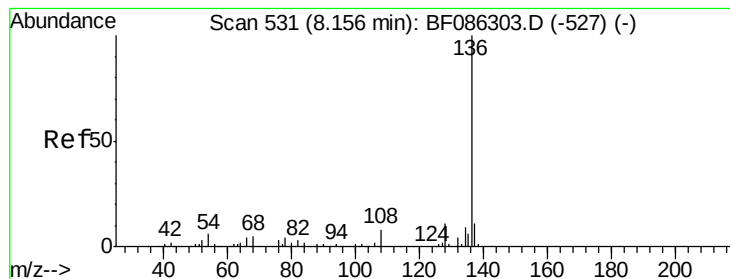
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:136 Resp: 1076421

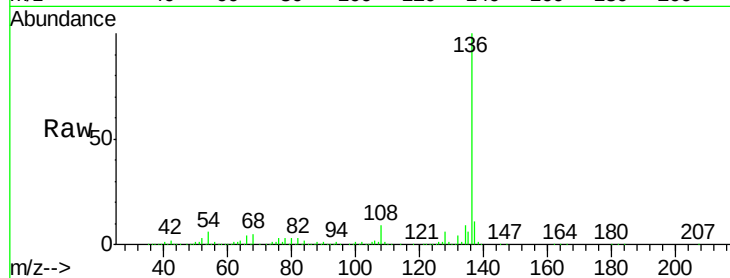
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 6.3 7.3 10.9#

68 5.5 5.7 8.5#

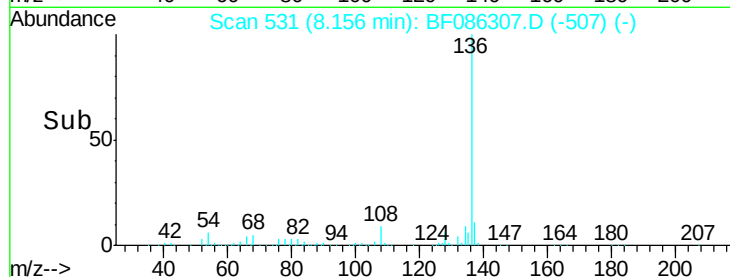


Abundance Ion 136.00 (135.70 to 136.70): E

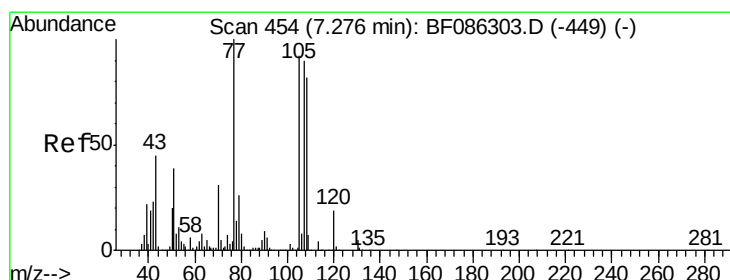
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 36.10 ng

RT: 7.28 min Scan# 454

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:105 Resp: 816349

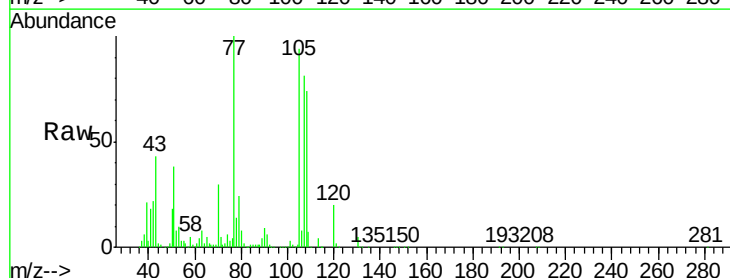
Ion Ratio Lower Upper

105 100

71 5.6 4.0 6.0

51 40.6 22.0 33.0#

120 21.3 17.5 26.3

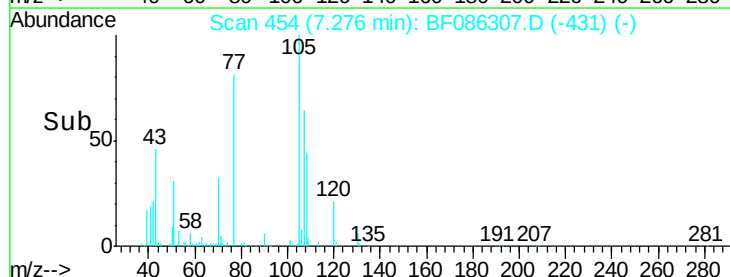


Abundance Ion 105.00 (104.70 to 105.70): E

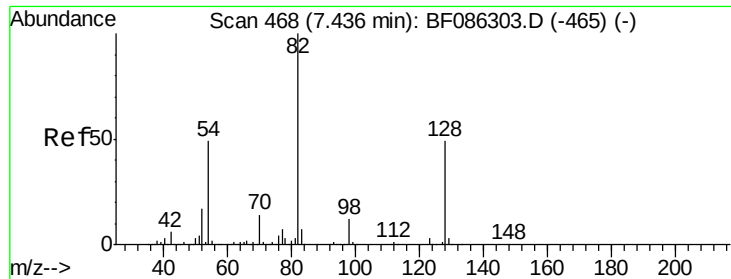
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



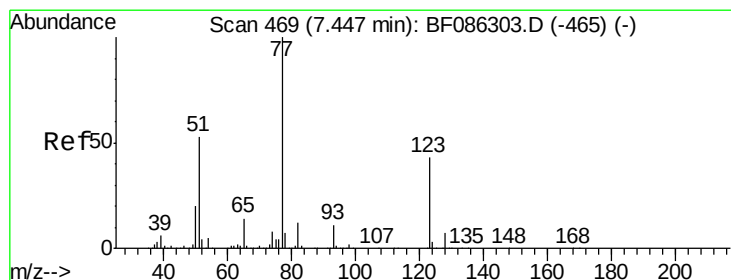
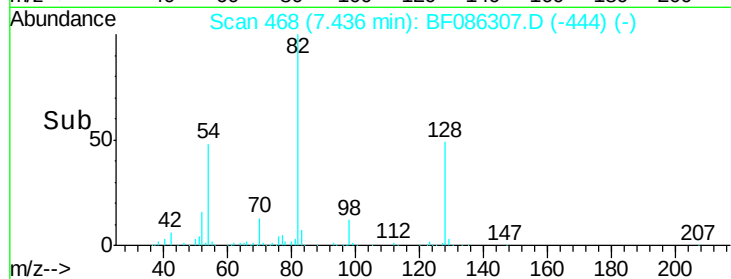
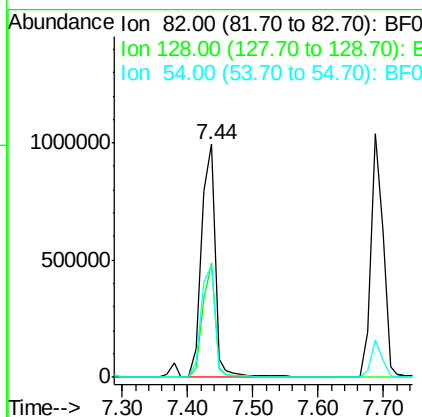
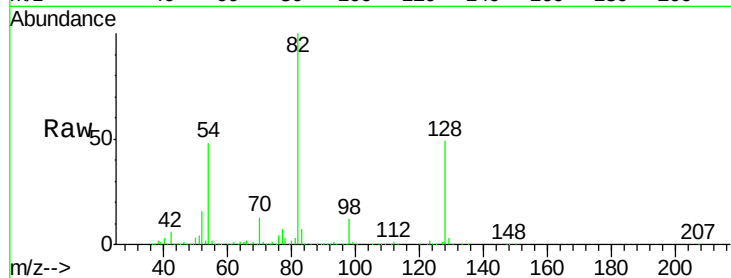
Time-->



#23
 Nitrobenzene-d5
 Concen: 76.23 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

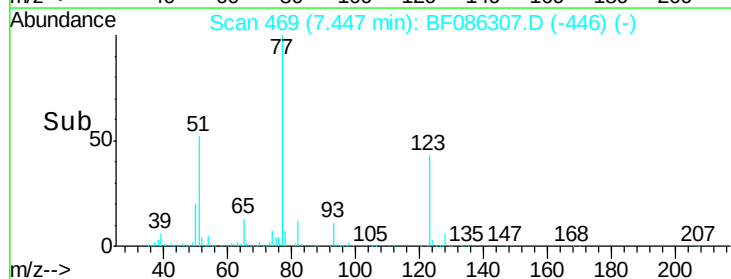
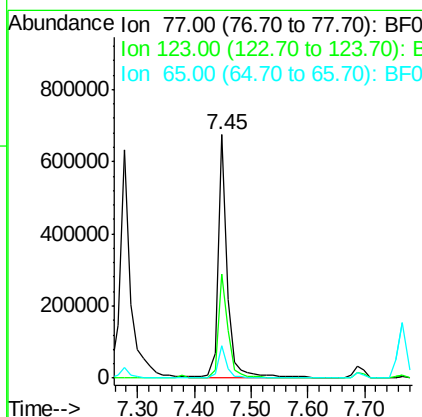
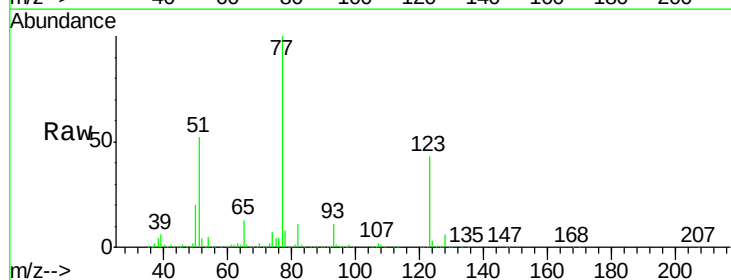
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

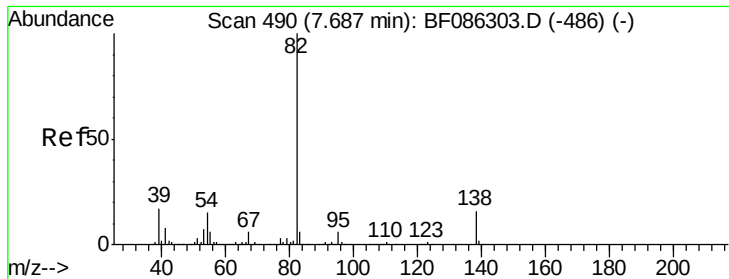
Tot Ion: 82 Resp: 1432692
 Ion Ratio Lower Upper
 82 100
 128 49.3 35.4 53.2
 54 47.9 43.4 65.0



#24
 Nitrobenzene
 Concen: 37.01 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion: 77 Resp: 744092
 Ion Ratio Lower Upper
 77 100
 123 42.7 38.3 57.5
 65 13.4 11.3 16.9





#25

Isophorone

Concen: 36.86 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

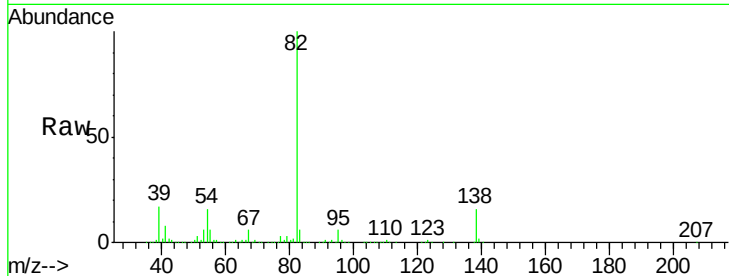
Tot Ion: 82 Resp: 1312668

Ion Ratio Lower Upper

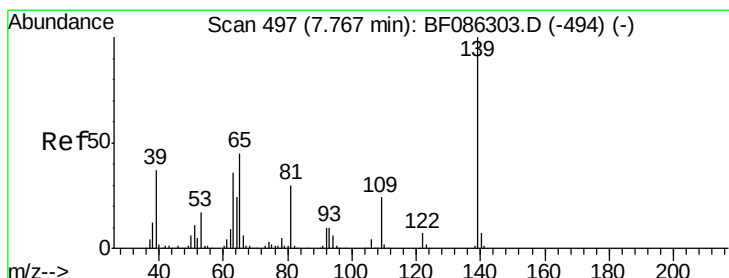
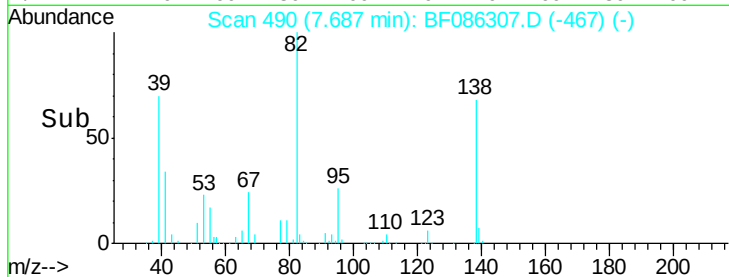
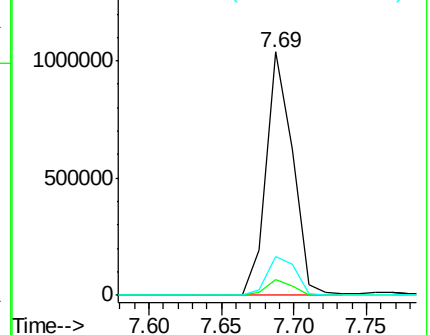
82 100

95 6.3 5.4 8.2

138 16.2 13.4 20.2



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: 42.81 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

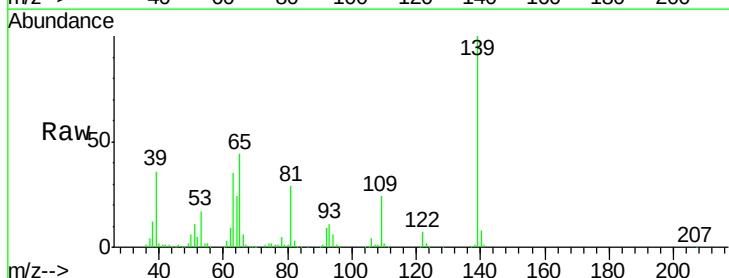
Tgt Ion: 139 Resp: 385065

Ion Ratio Lower Upper

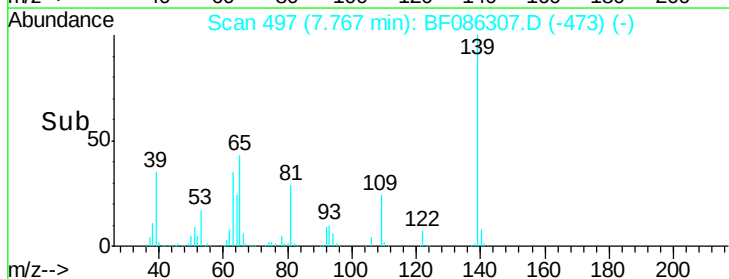
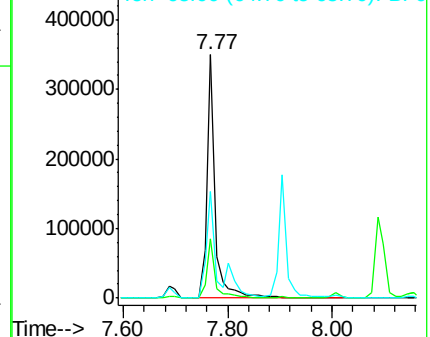
139 100

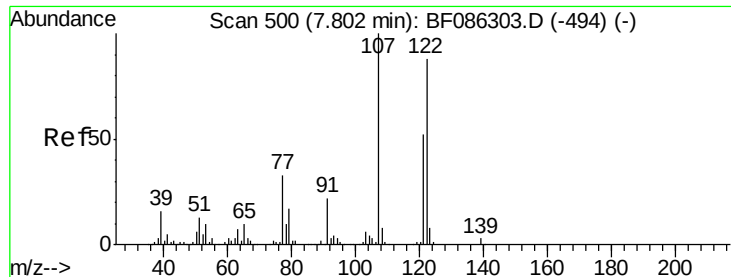
109 24.3 25.8 38.8#

65 43.6 50.2 75.2#



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: 36.46 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

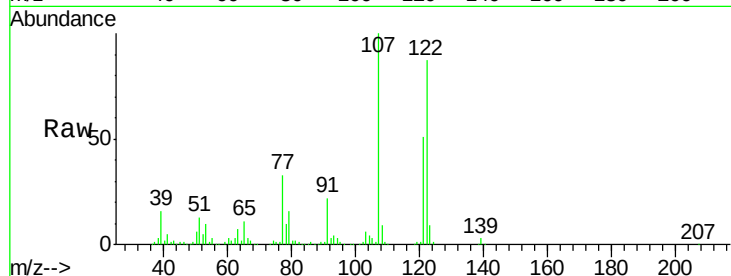
Tot Ion:122 Resp: 643134

Ion Ratio Lower Upper

122 100

107 115.1 85.8 128.6

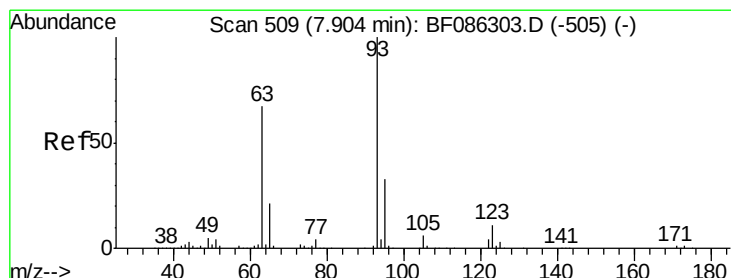
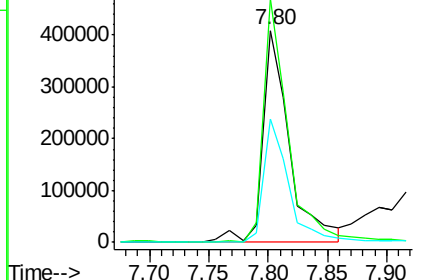
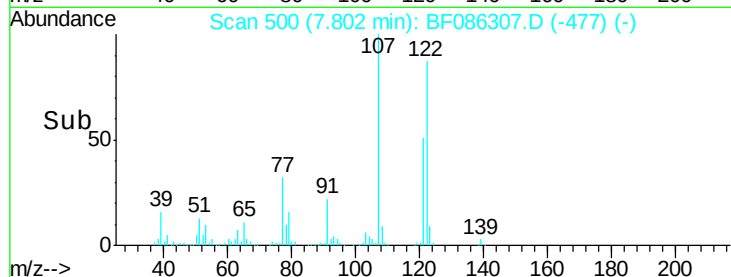
121 58.5 47.1 70.7



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: 39.49 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

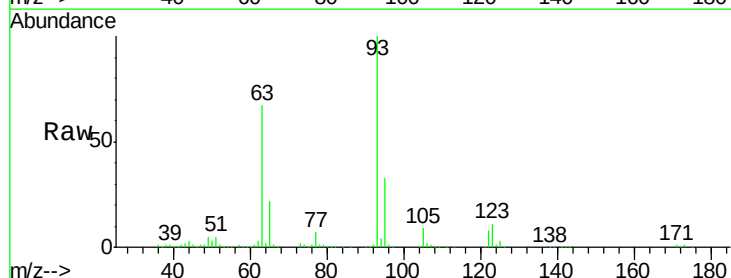
Tgt Ion: 93 Resp: 822453

Ion Ratio Lower Upper

93 100

95 33.1 25.8 38.8

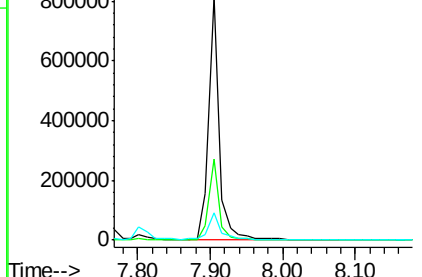
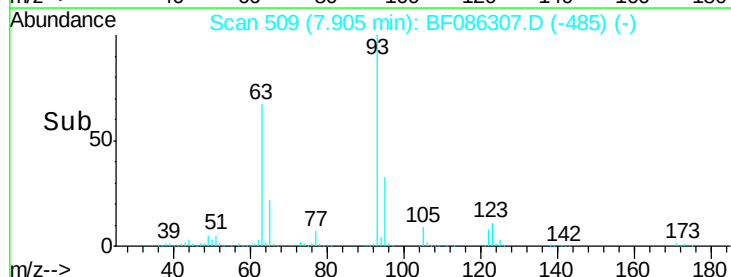
123 11.2 8.9 13.3

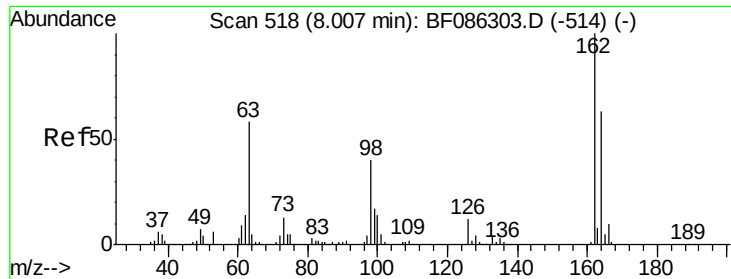


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

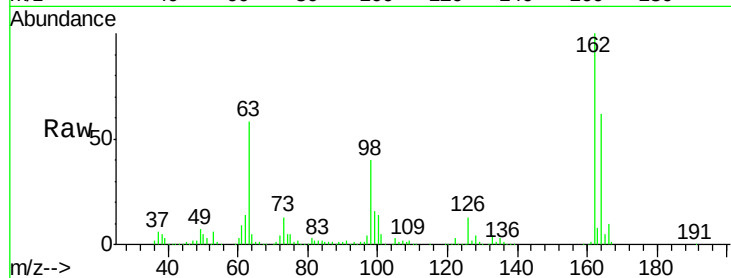




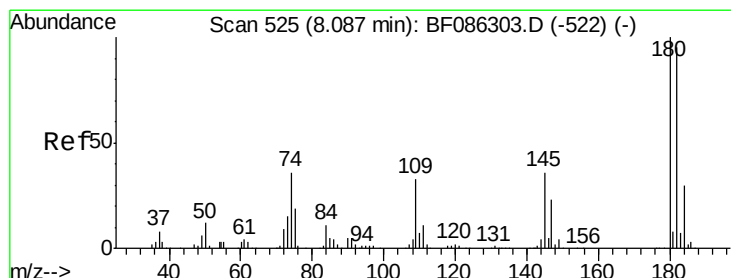
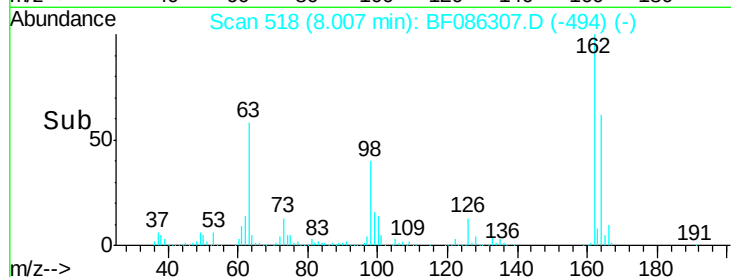
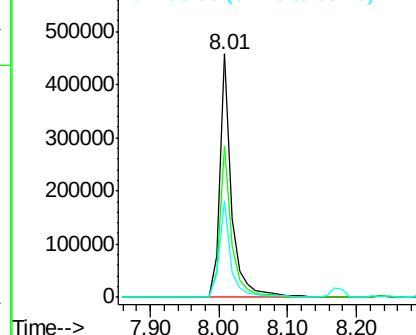
#29
 2,4-Dichlorophenol
 Concen: 39.82 ng
 RT: 8.01 min Scan# 518
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.1	43.3	83.3
98	39.8	22.9	62.9

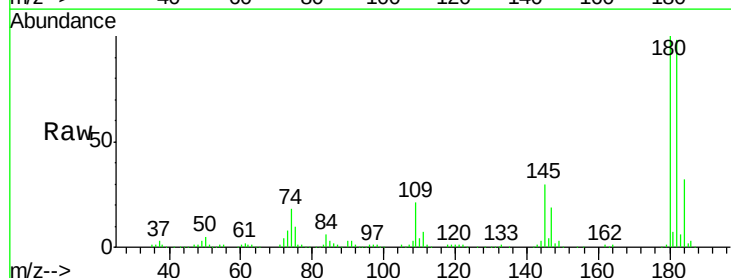


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

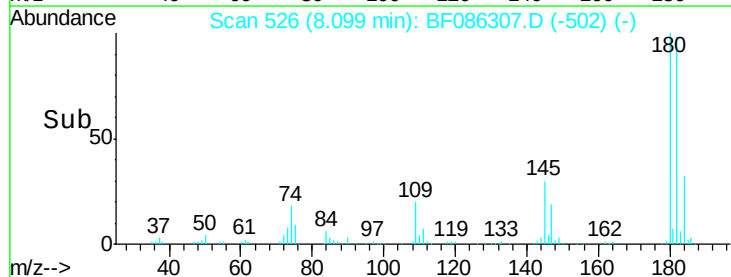
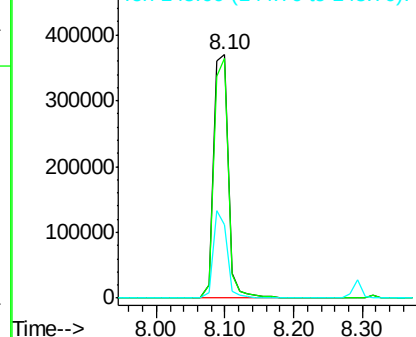


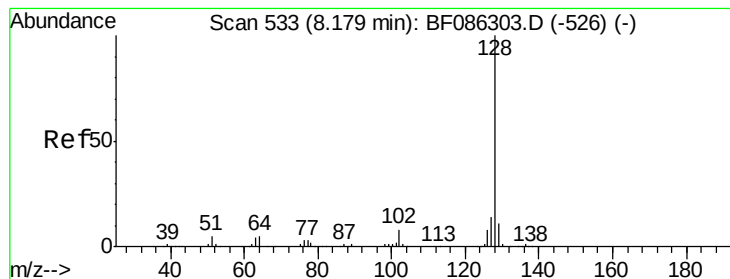
#30
 1,2,4-Trichlorobenzene
 Concen: 37.55 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	76.3	114.5
145	30.3	27.4	41.2



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: 39.31 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

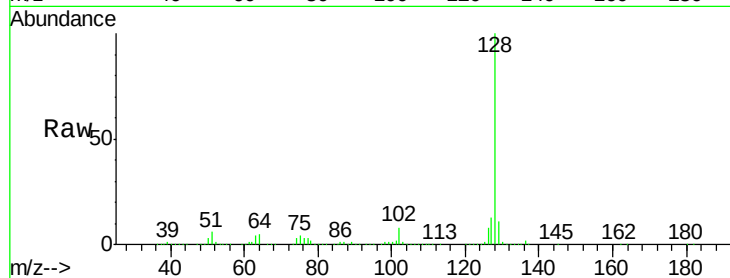
Tot Ion:128 Resp: 2016966

Ion Ratio Lower Upper

128 100

129 11.0 9.6 14.4

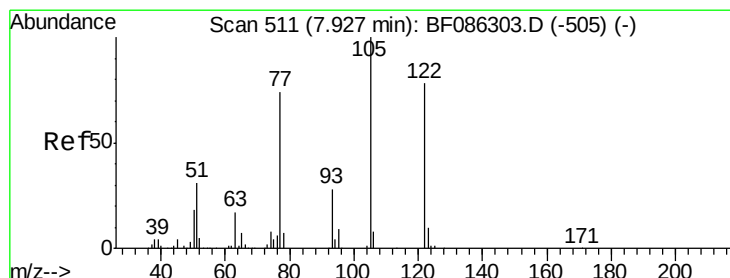
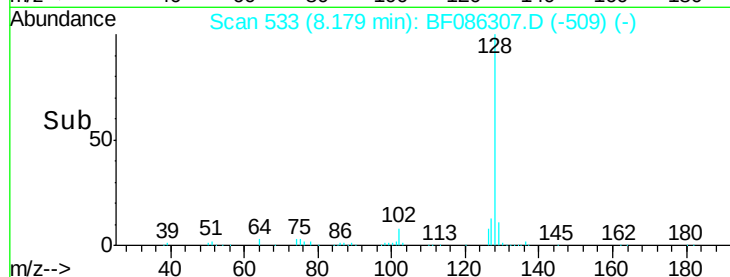
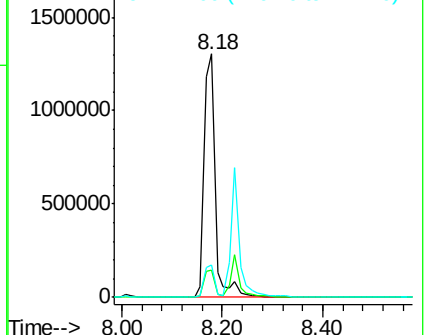
127 13.3 11.4 17.2



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: 40.49 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

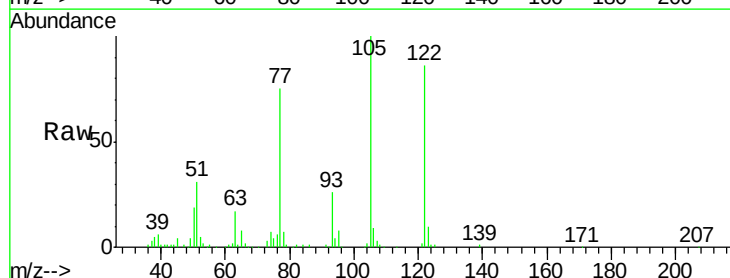
Tgt Ion:122 Resp: 424451

Ion Ratio Lower Upper

122 100

105 115.9 103.7 143.7

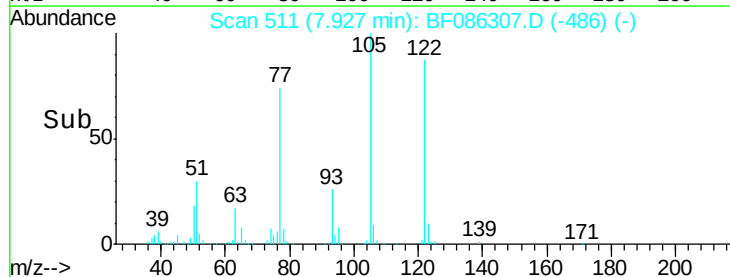
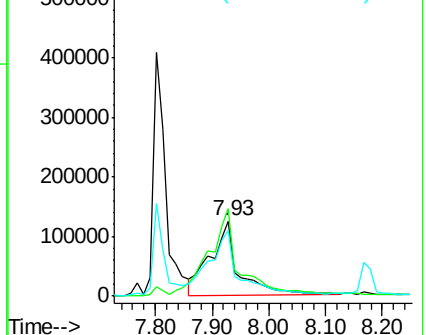
77 87.4 74.9 114.9

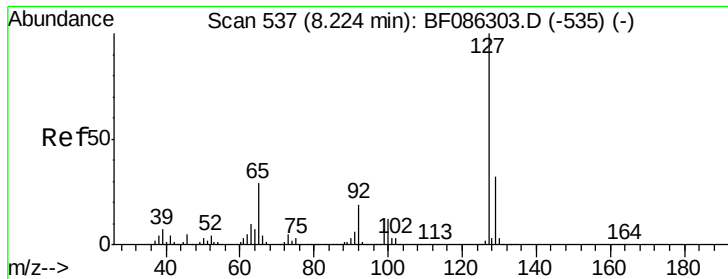


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

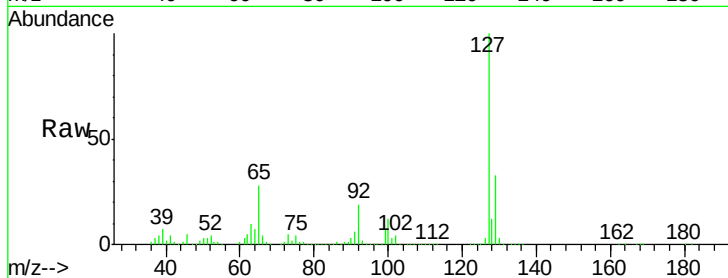




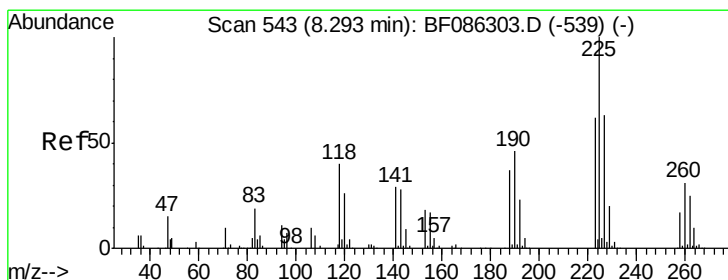
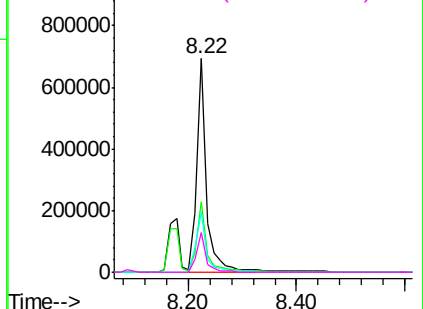
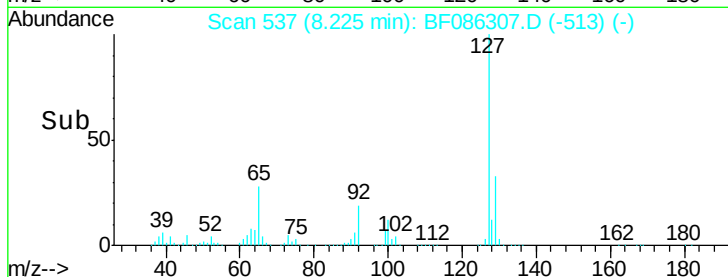
#33
4-Chloroaniline
Concen: 39.80 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion:127	Resp:	845177
Ion Ratio	Lower	Upper
127	100	
129	33.0	26.8 40.2
65	28.3	27.1 40.7
92	18.8	16.2 24.2

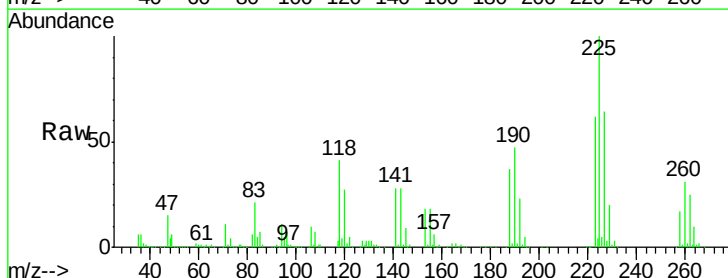


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

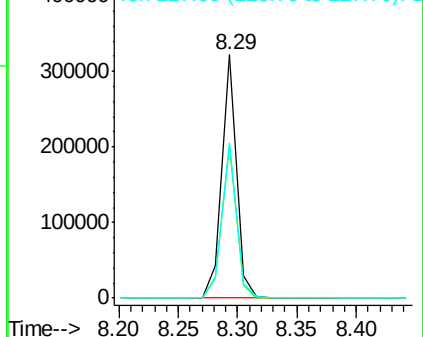
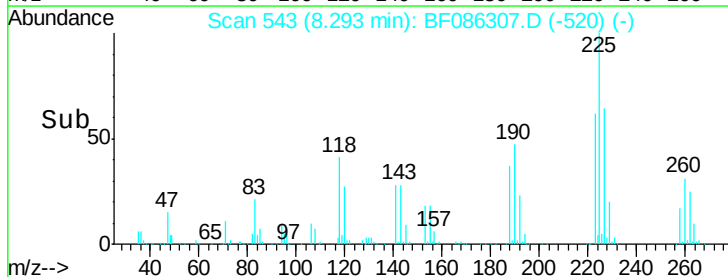


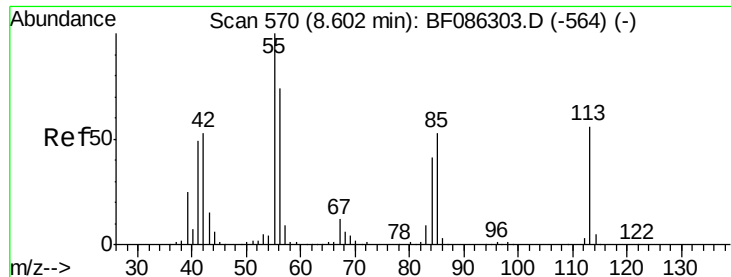
#34
Hexachlorobutadiene
Concen: 36.40 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:225	Resp:	275262
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.4 74.0
227	63.9	51.1 76.7



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

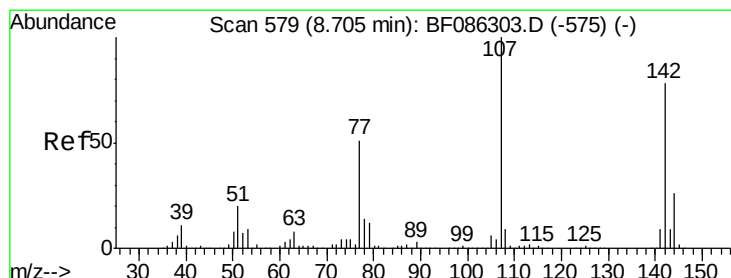
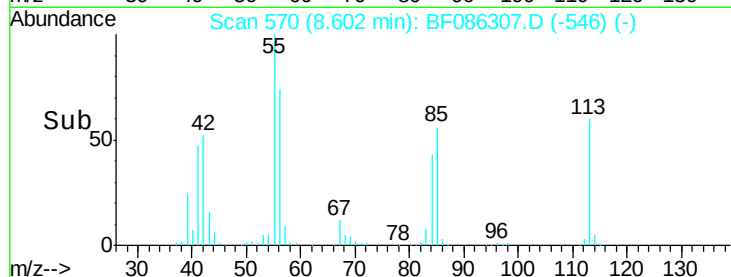
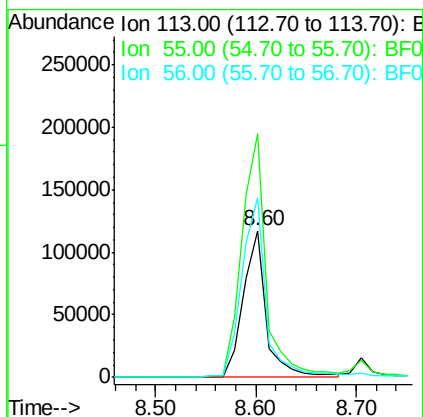
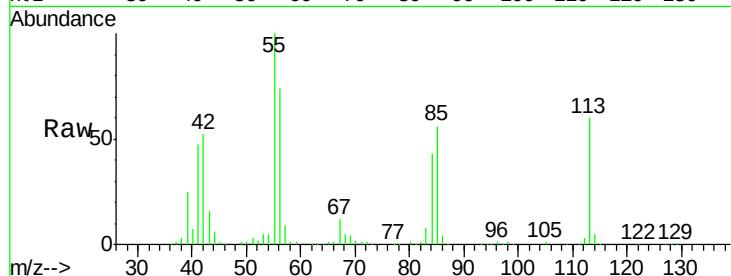




#35
 Caprolactam
 Concen: 41.47 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

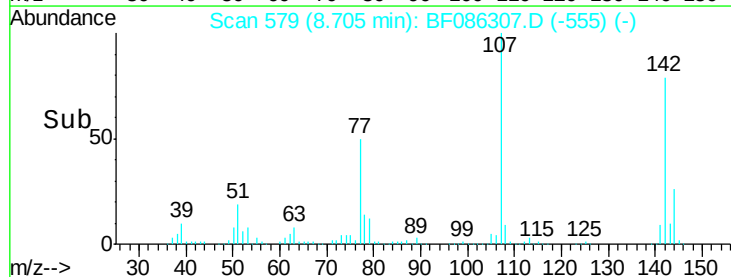
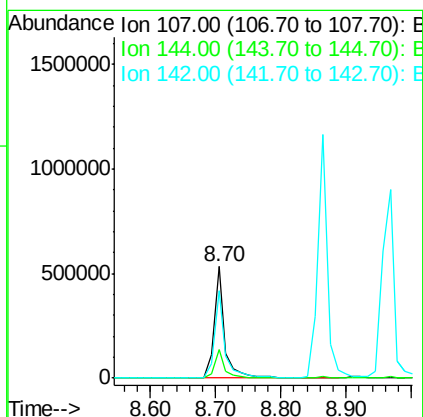
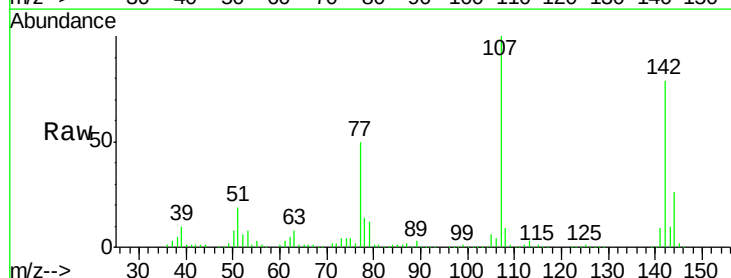
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

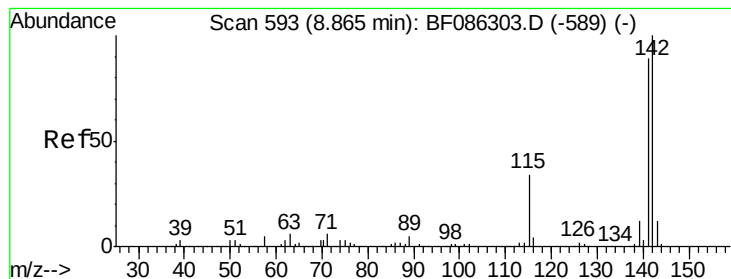
Tot Ion:113 Resp: 186810
 Ion Ratio Lower Upper
 113 100
 55 165.9 117.5 157.5#
 56 122.8 82.5 122.5#



#36
 4-Chloro-3-methylphenol
 Concen: 39.50 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:107 Resp: 617900
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.7 31.1
 142 78.6 64.5 96.7





#37

2-Methylnaphthalene

Concen: 36.90 ng

RT: 8.86 min Scan# 593

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

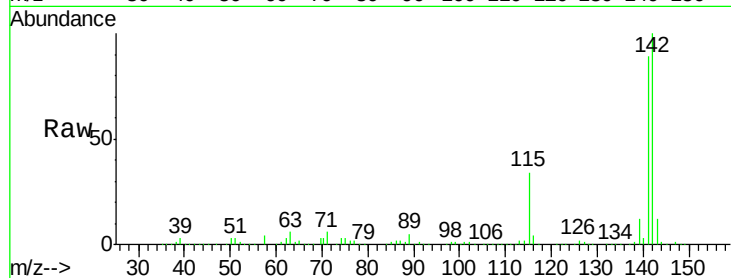
Tot Ion:142 Resp: 1169112

Ion Ratio Lower Upper

142 100

141 89.4 71.1 106.7

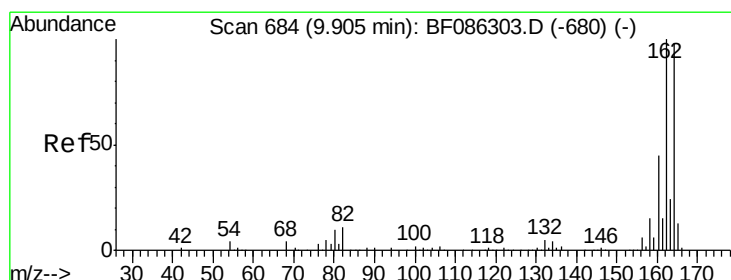
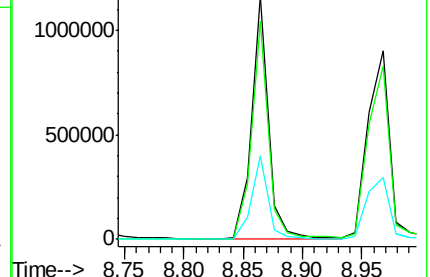
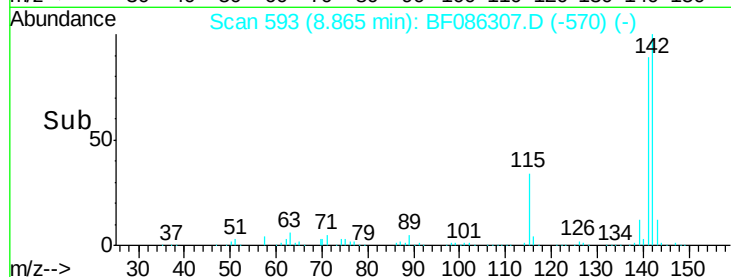
115 34.1 25.1 37.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

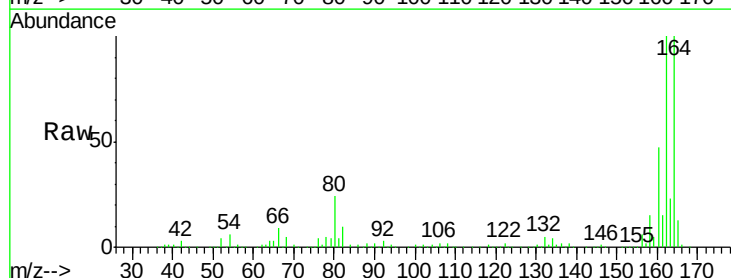
Tgt Ion:164 Resp: 468383

Ion Ratio Lower Upper

164 100

162 100.0 82.8 124.2

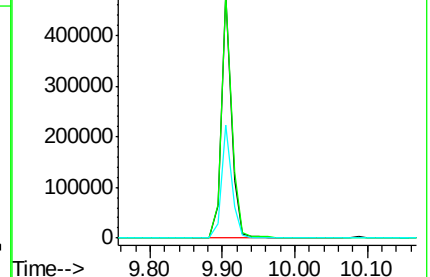
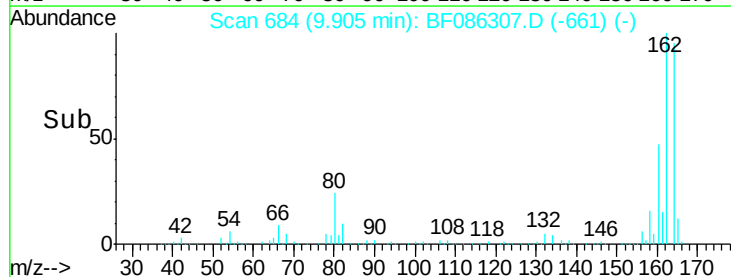
160 46.7 38.9 58.3

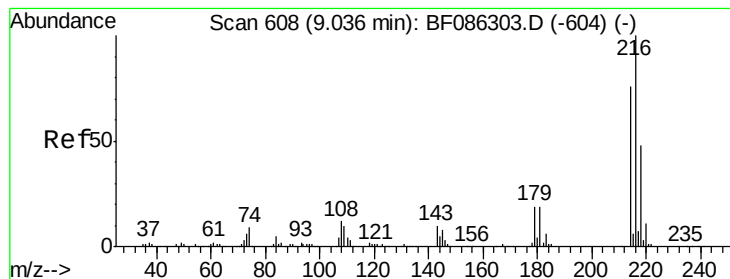


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.27 ng

RT: 9.04 min Scan# 608

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:216 Resp: 477078

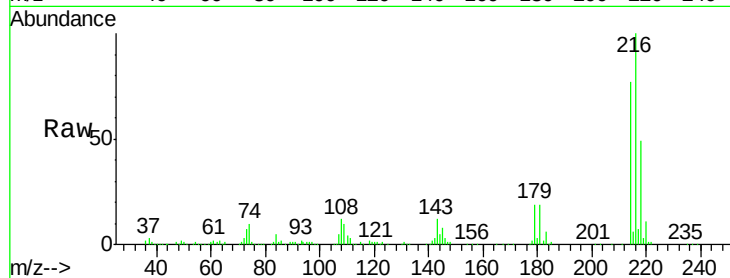
Ion Ratio Lower Upper

216 100

214 80.1 64.9 97.3

179 23.3 19.8 29.6

108 21.6 21.0 31.4

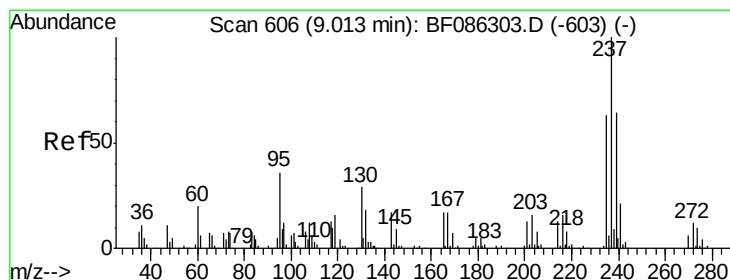
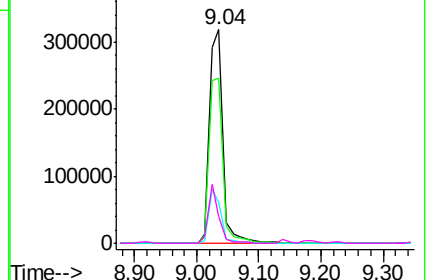
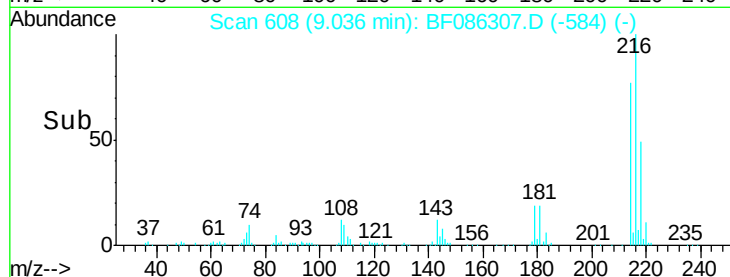


Abundance Ion 216.00 (215.70 to 216.70): E

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: 37.58 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

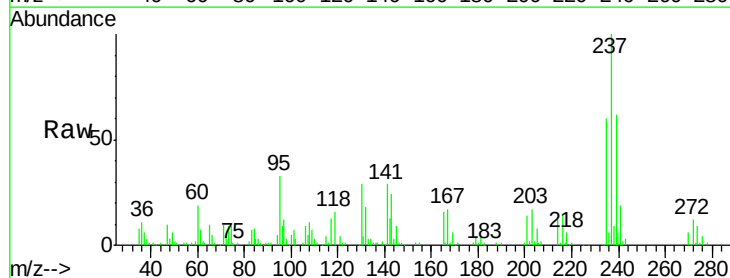
Tgt Ion:237 Resp: 111889

Ion Ratio Lower Upper

237 100

235 60.1 44.0 84.0

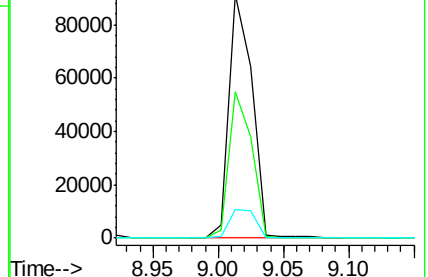
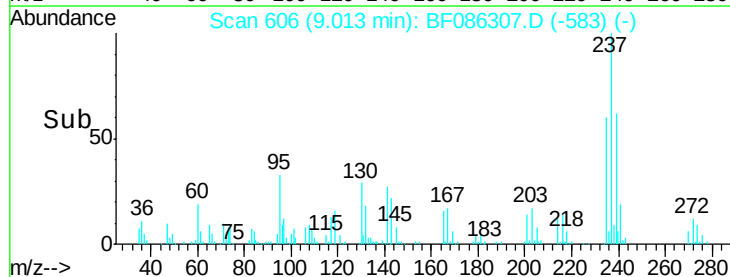
272 11.6 0.0 32.4

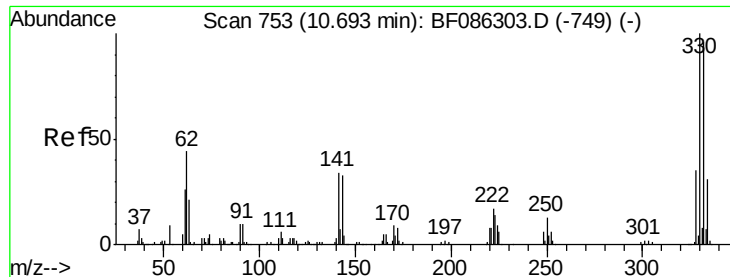


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

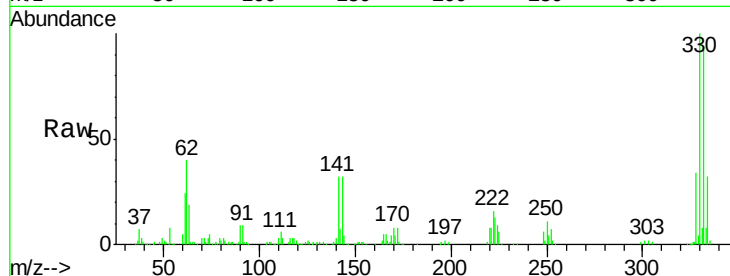




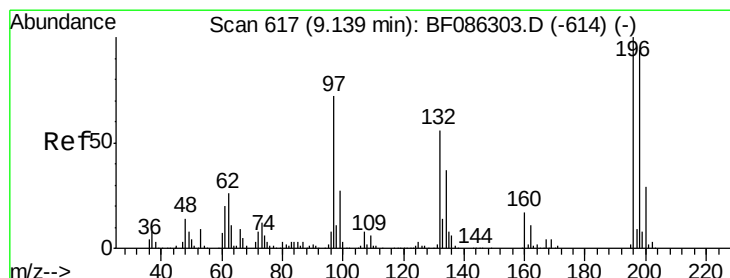
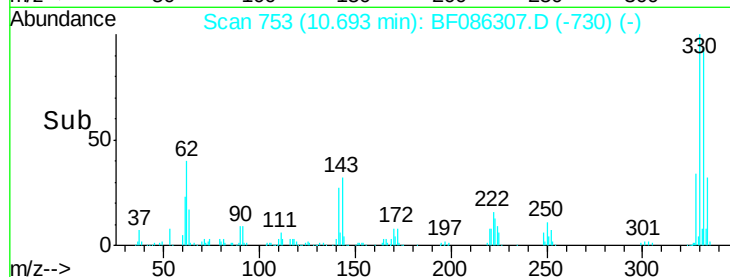
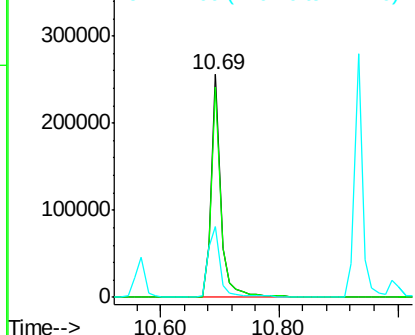
#41
 2,4,6-Tribromophenol
 Concen: 80.00 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion:330 Resp: 292040
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.7 118.1
 141 41.1 28.6 42.8

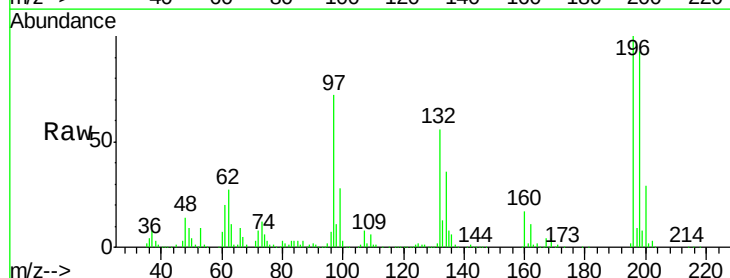


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

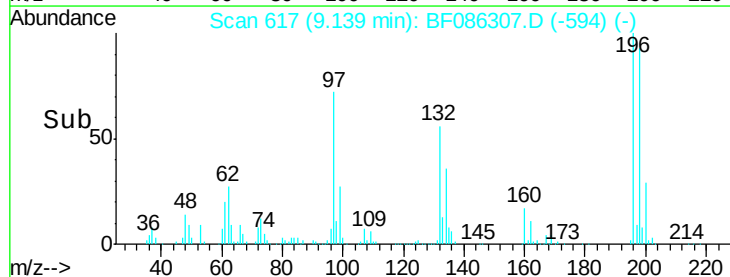
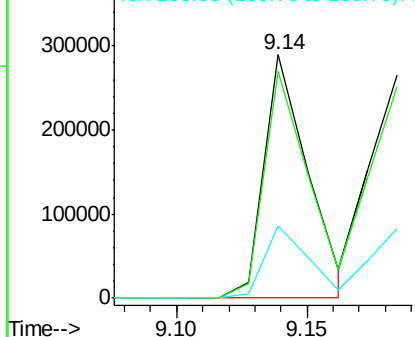


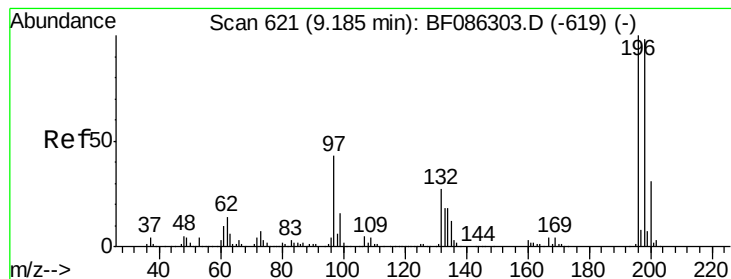
#42
 2,4,6-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:196 Resp: 335713
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.6 115.0
 200 29.4 25.3 37.9



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: 39.33 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:196 Resp: 370433

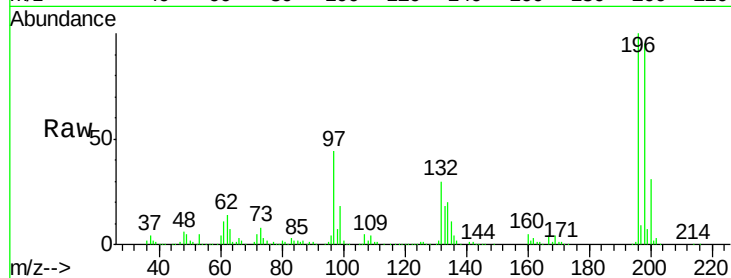
Ion Ratio Lower Upper

196 100

198 94.6 77.7 116.5

97 44.3 32.6 48.8

132 29.5 21.4 32.0

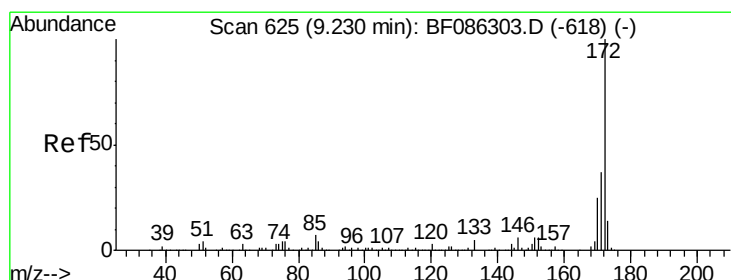
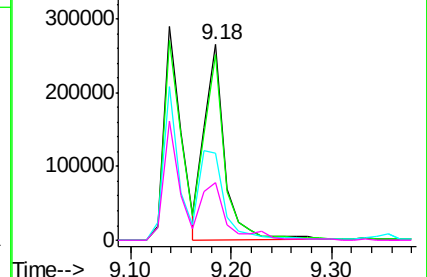
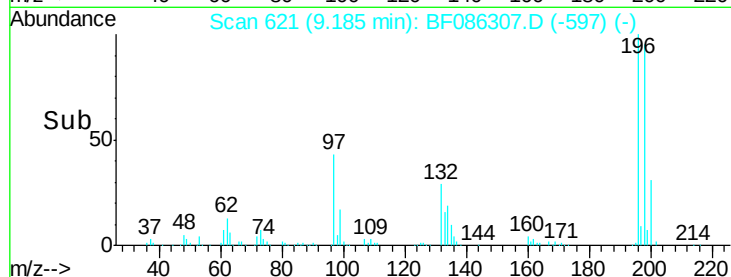


Abundance Ion 196.00 (195.70 to 196.70): E

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: 82.04 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

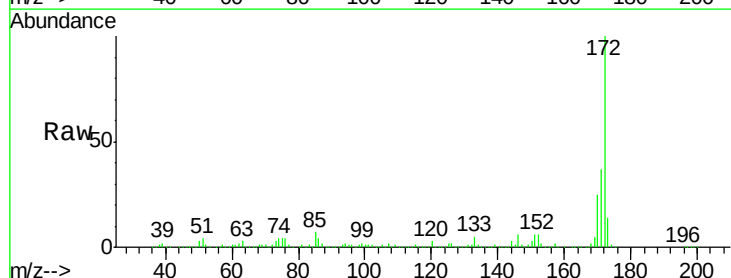
Tgt Ion:172 Resp: 2026185

Ion Ratio Lower Upper

172 100

171 37.0 29.1 43.7

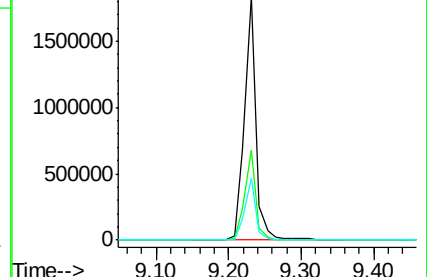
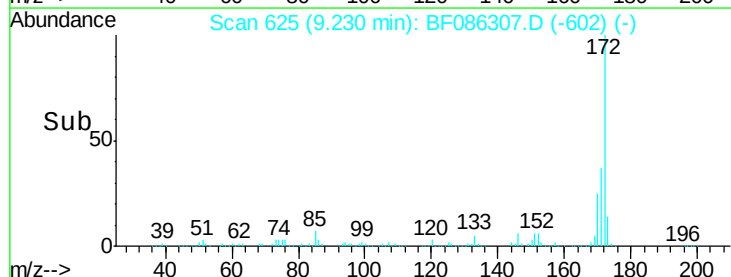
170 25.2 19.9 29.9

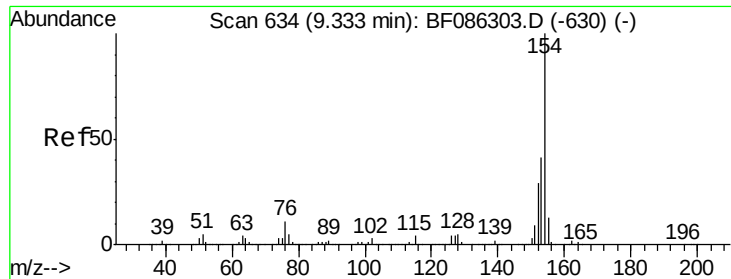


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

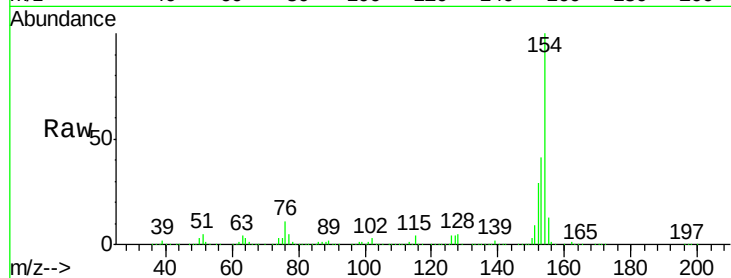




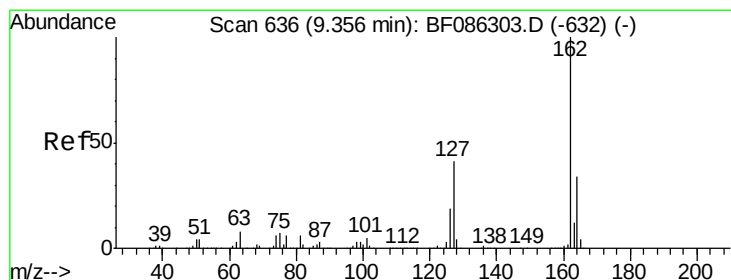
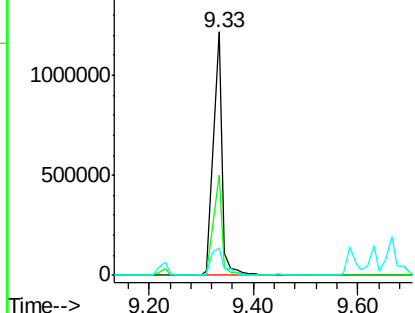
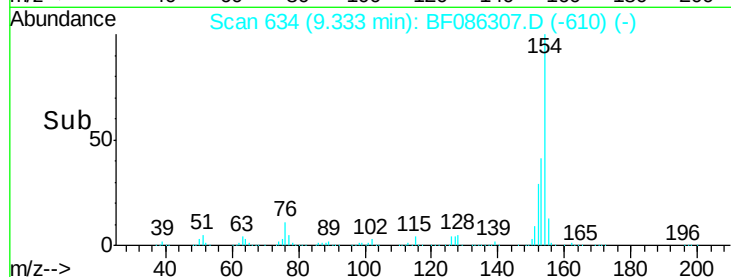
#45
 1,1'-Biphenyl
 Concen: 38.98 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion:154 Resp: 1433886
 Ion Ratio Lower Upper
 154 100
 153 41.3 21.3 61.3
 76 11.3 0.0 36.4

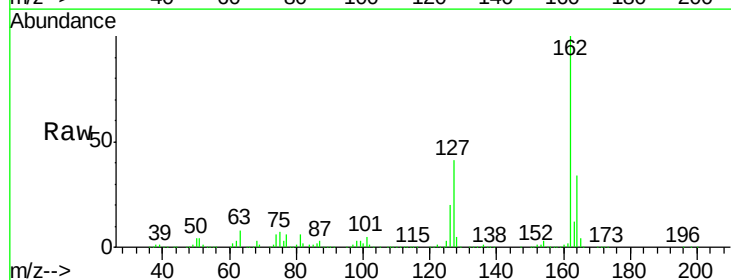


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

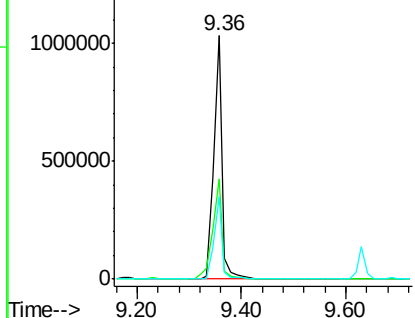
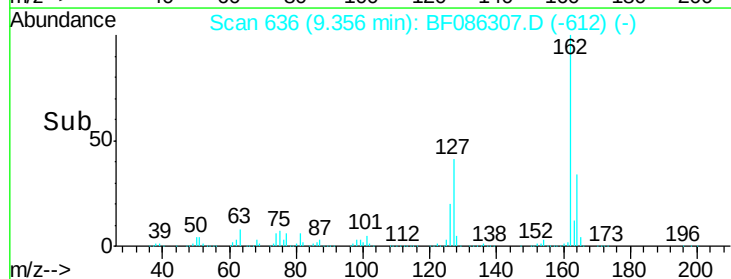


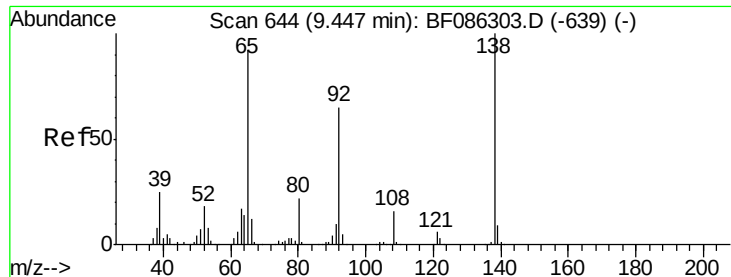
#46
 2-Chloronaphthalene
 Concen: 40.57 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:162 Resp: 1130839
 Ion Ratio Lower Upper
 162 100
 127 41.0 36.7 55.1
 164 33.7 26.4 39.6



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

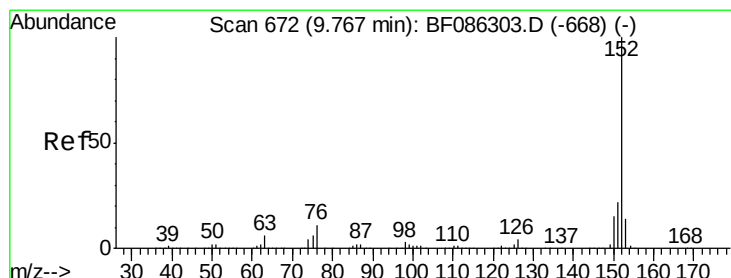
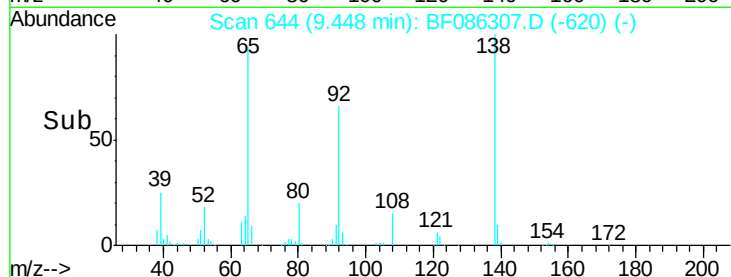
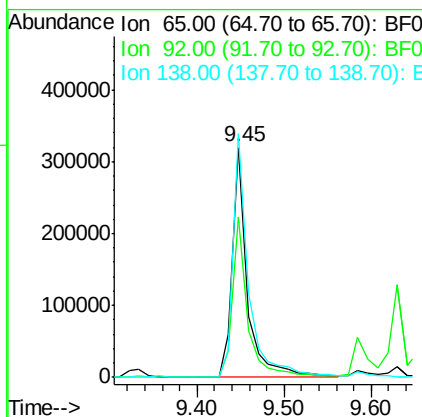
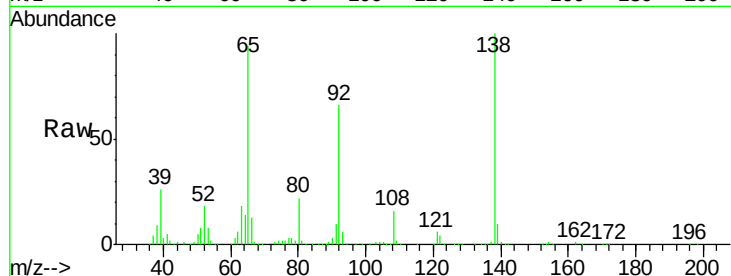




#47
2-Nitroaniline
Concen: 40.29 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

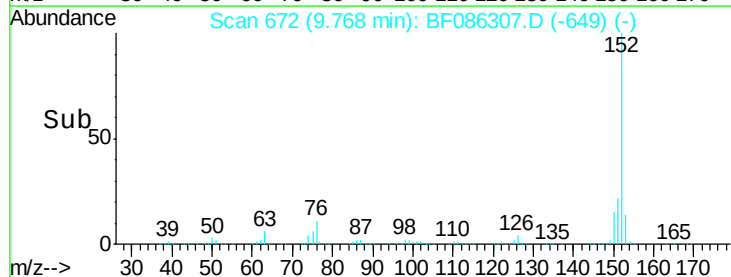
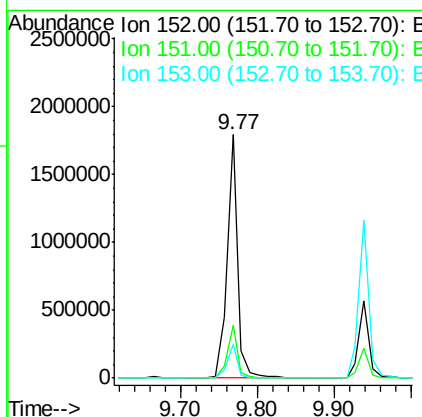
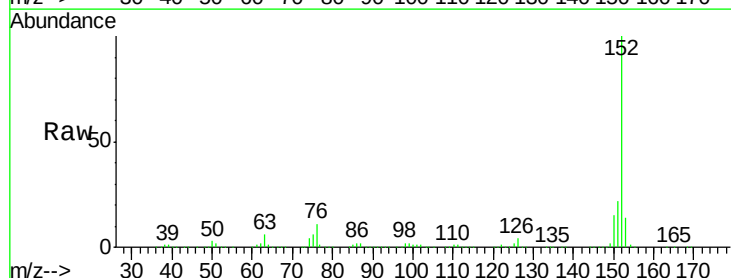
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

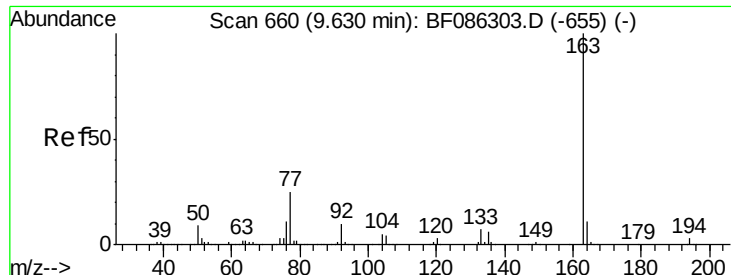
Tot Ion: 65 Resp: 381712
Ion Ratio Lower Upper
65 100
92 69.9 51.9 77.9
138 106.0 72.6 108.8



#48
Acenaphthylene
Concen: 40.27 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion: 152 Resp: 1752915
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.8 10.7 16.1

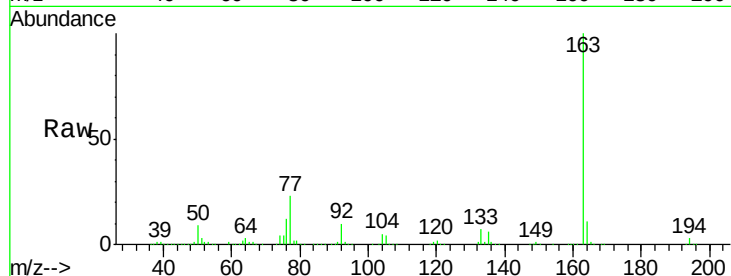




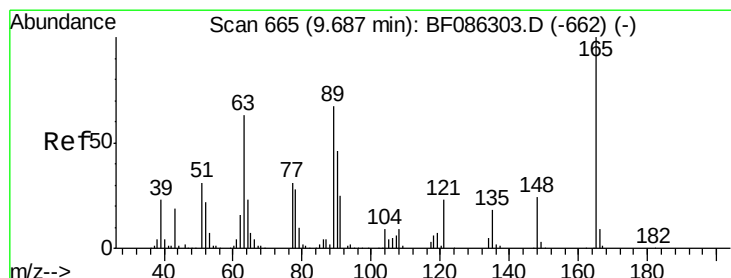
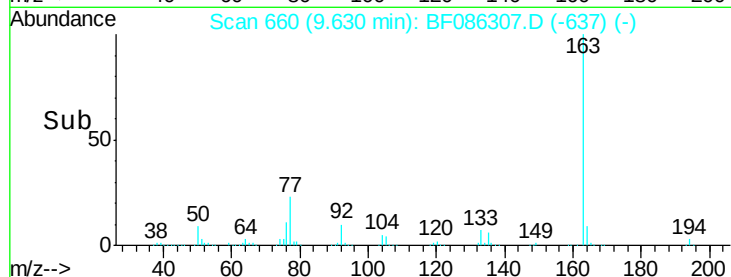
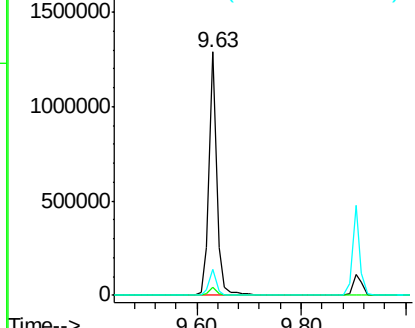
#49
Dimethylphthalate
Concen: 37.01 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion:163 Resp: 1319780
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.6 8.4 12.6

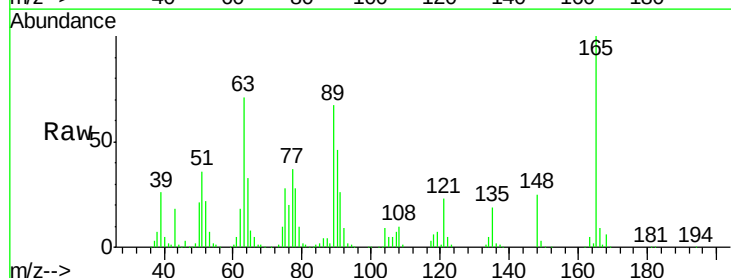


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

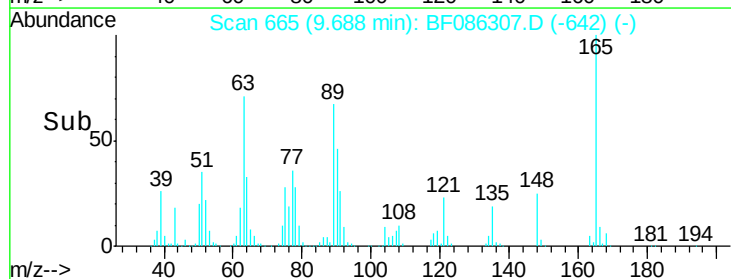
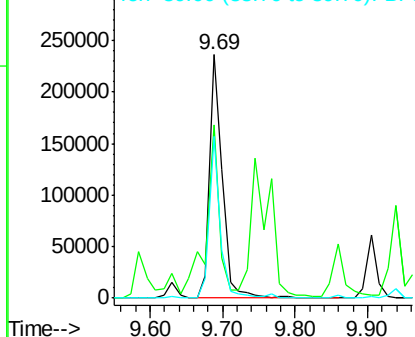


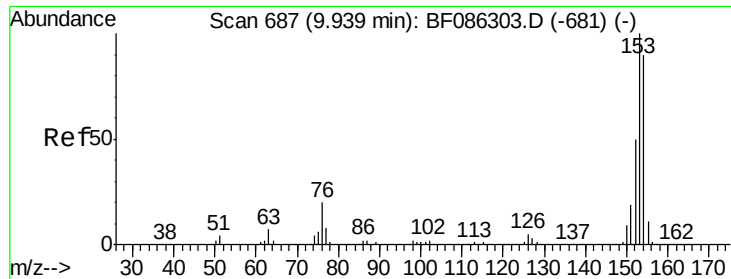
#50
2,6-Dinitrotoluene
Concen: 39.32 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:165 Resp: 288536
Ion Ratio Lower Upper
165 100
63 71.3 35.1 52.7#
89 66.6 39.8 59.6#



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: 39.38 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

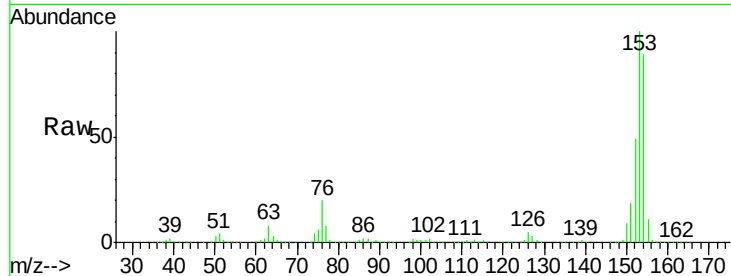
Tot Ion:154 Resp: 1005525

Ion Ratio Lower Upper

154 100

153 112.9 90.0 135.0

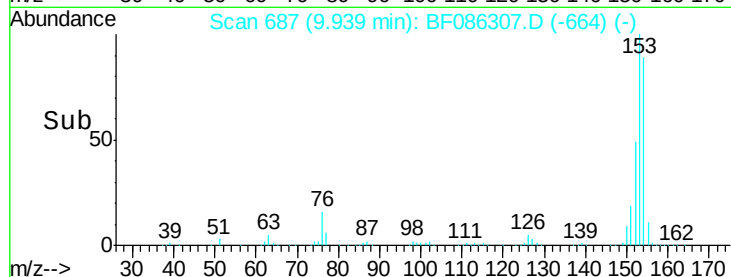
152 55.6 44.3 66.5



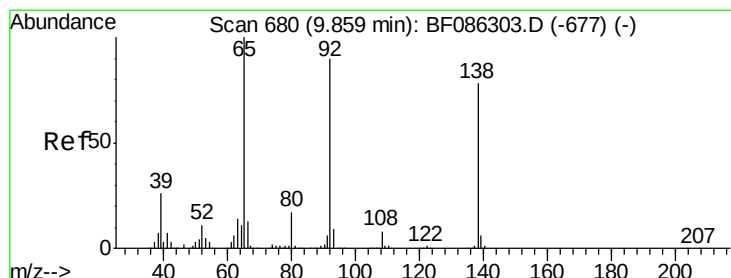
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#52

3-Nitroaniline

Concen: 39.64 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

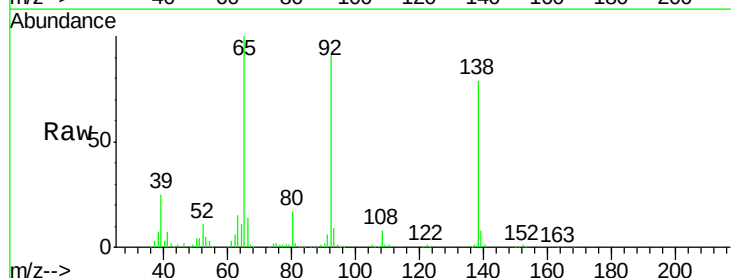
Tgt Ion:138 Resp: 369929

Ion Ratio Lower Upper

138 100

108 9.7 9.0 13.4

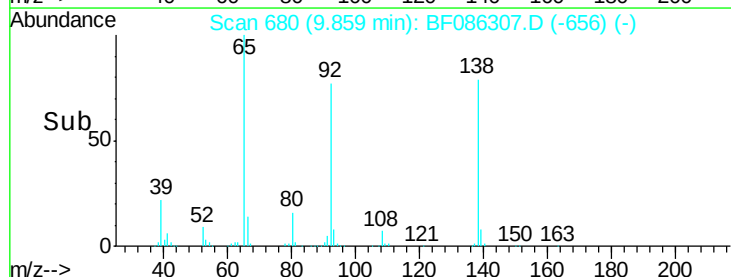
92 115.1 99.3 148.9



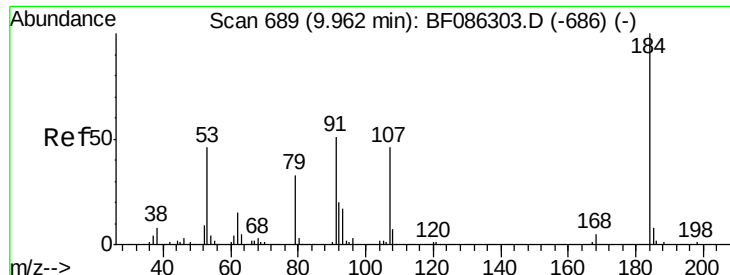
Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



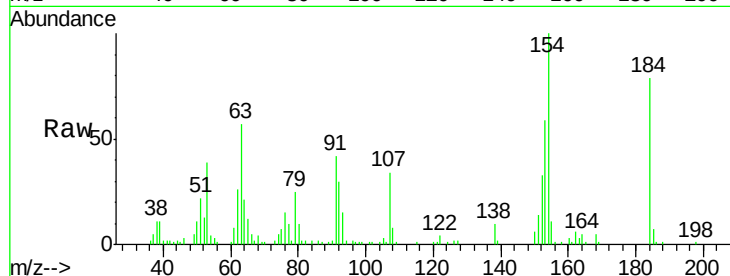
Time-->



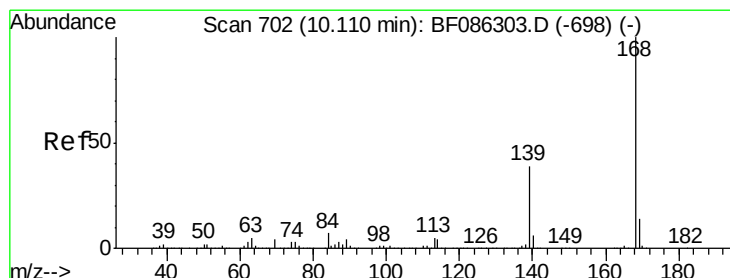
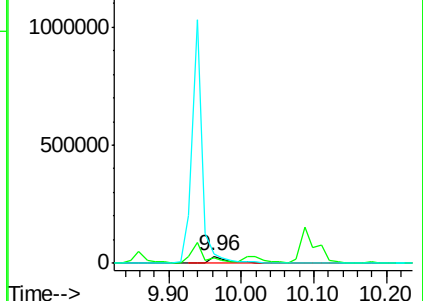
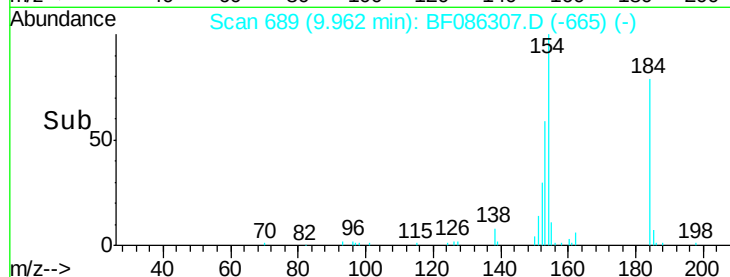
#53
2,4-Dinitrophenol
Concen: 38.32 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion:184 Resp: 52928
Ion Ratio Lower Upper
184 100
63 71.7 64.7 97.1
154 125.9 59.4 89.2#

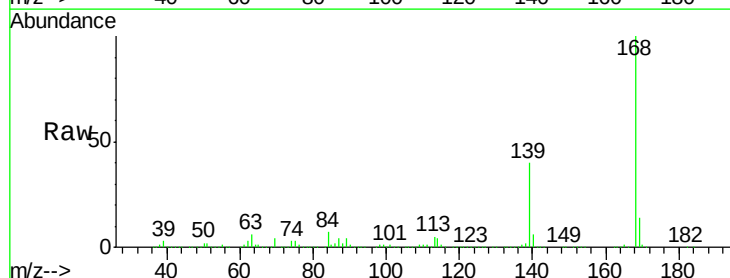


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

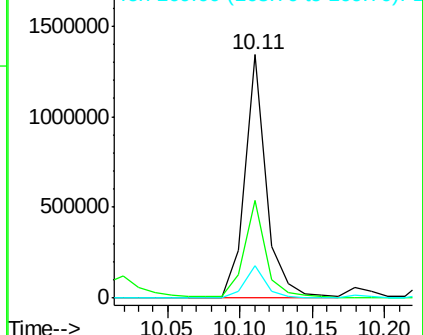
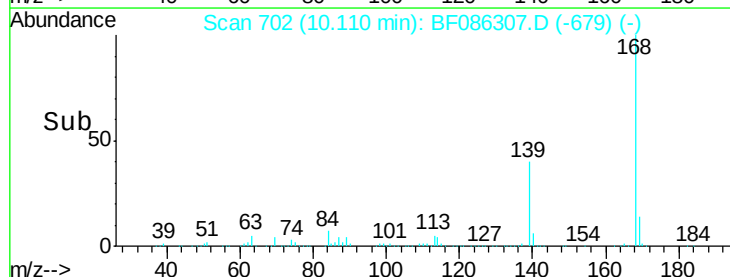


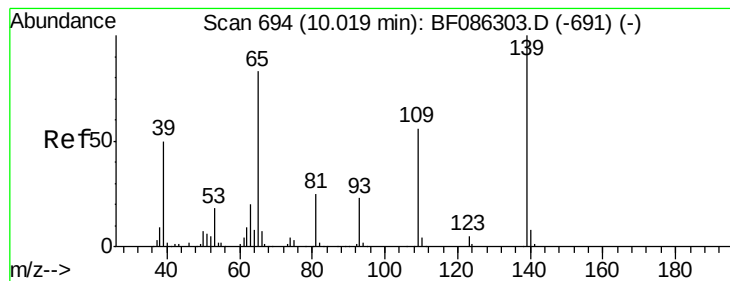
#54
Dibenzofuran
Concen: 40.01 ng
RT: 10.11 min Scan# 702
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:168 Resp: 1389071
Ion Ratio Lower Upper
168 100
139 40.1 29.5 44.3
169 13.6 10.6 16.0



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





#55

4-Nitrophenol

Concen: 39.74 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

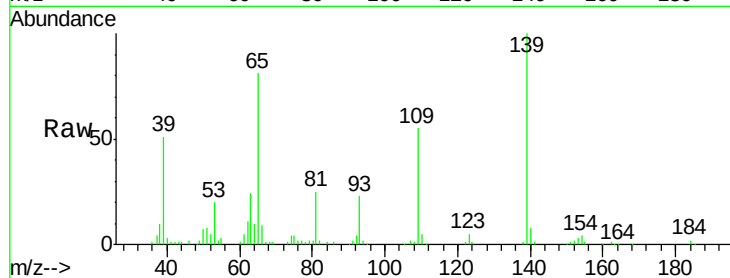
Tot Ion:139 Resp: 229953

Ion Ratio Lower Upper

139 100

109 54.8 55.0 95.0#

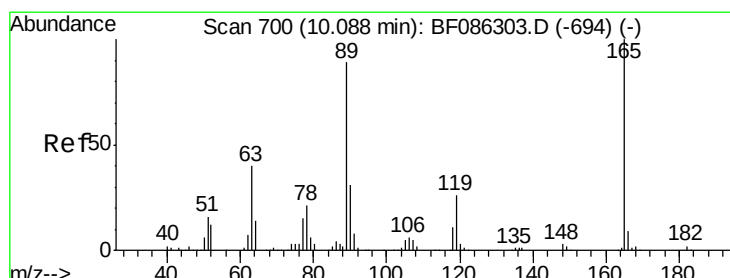
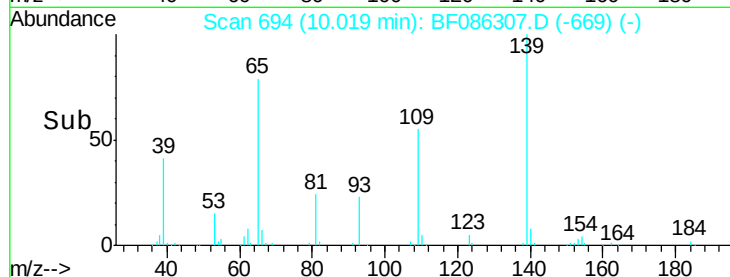
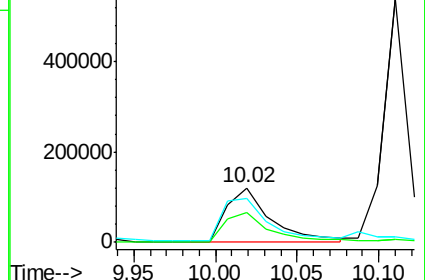
65 81.2 87.3 127.3#



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: 39.15 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:165 Resp: 357024

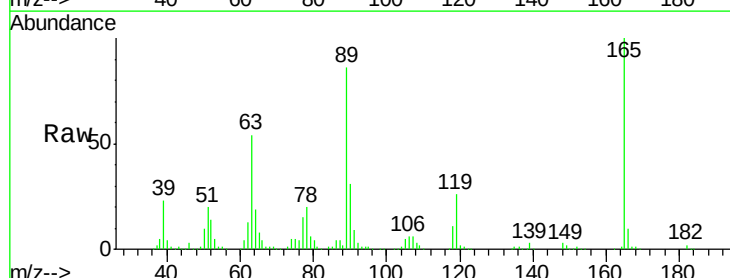
Ion Ratio Lower Upper

165 100

63 53.6 26.6 40.0#

89 85.7 49.5 74.3#

182 2.0 1.9 2.9

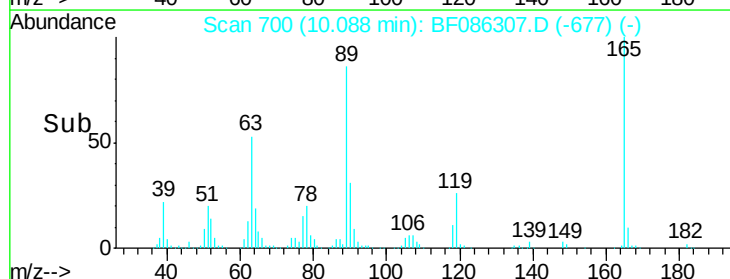
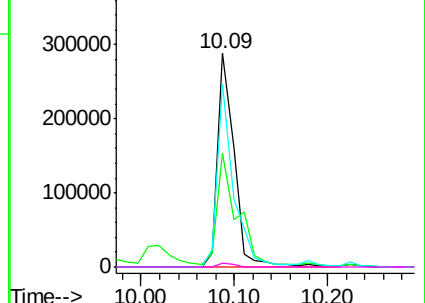


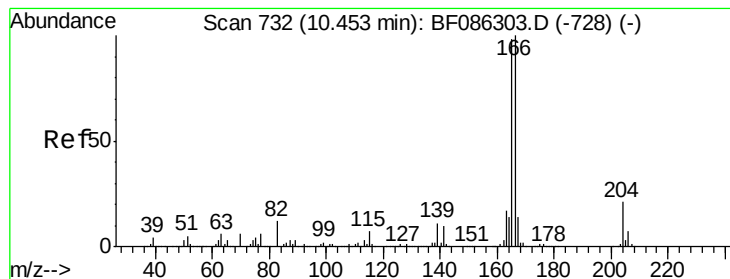
Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.49 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

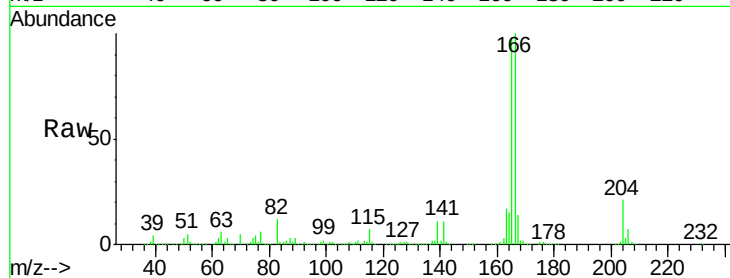
Tot Ion:166 Resp: 1041646

Ion Ratio Lower Upper

166 100

165 97.9 78.6 117.8

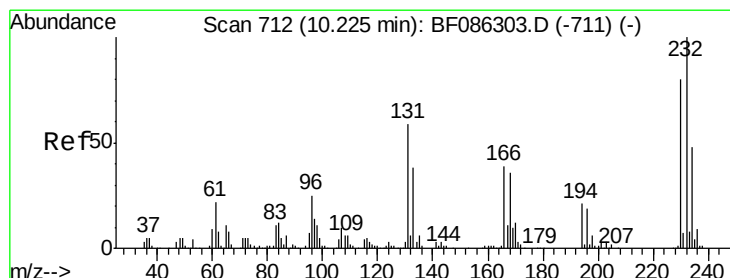
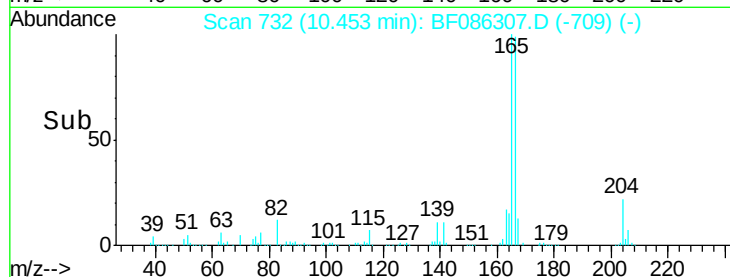
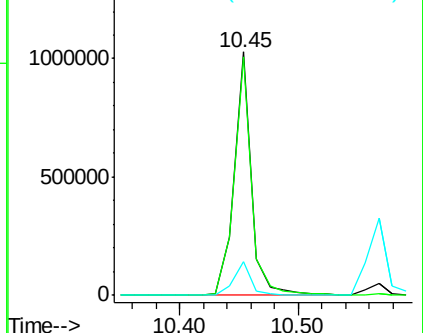
167 13.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.79 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:232 Resp: 245153

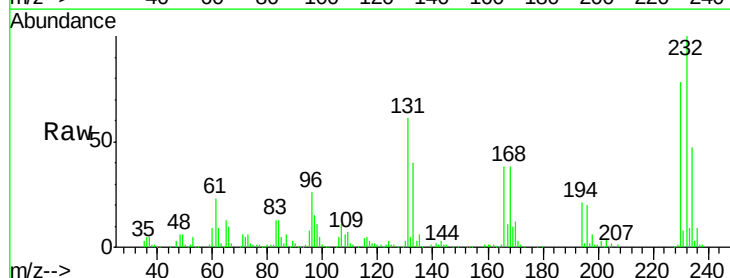
Ion Ratio Lower Upper

232 100

131 58.0 46.6 70.0

130 2.6 2.5 3.7

166 34.7 28.3 42.5

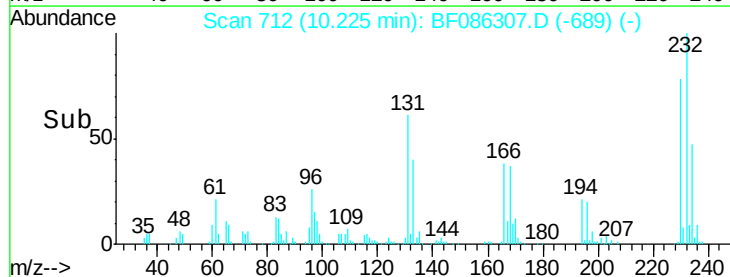
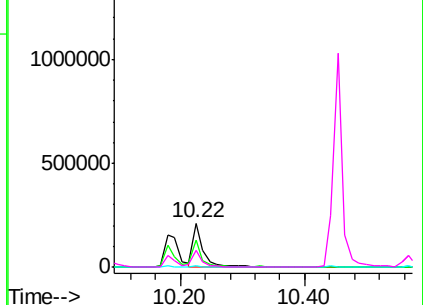


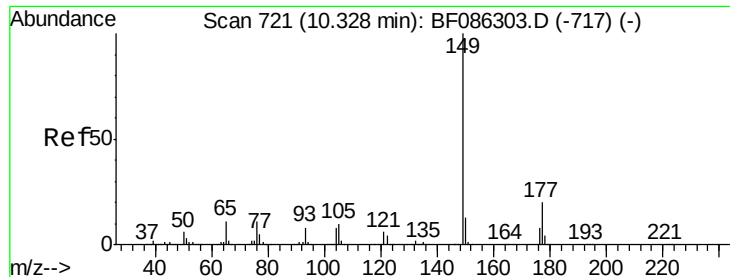
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

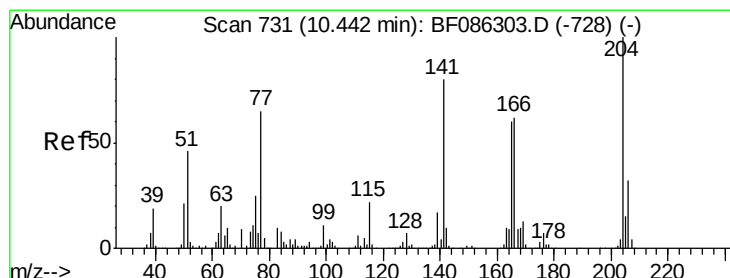
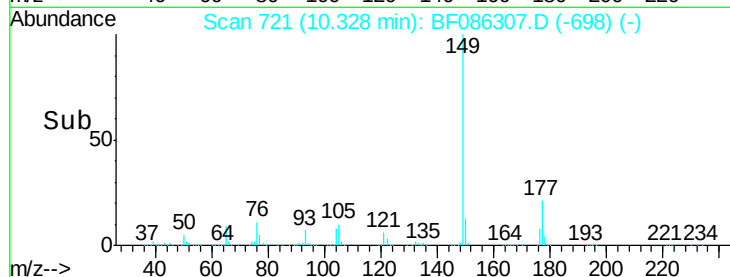
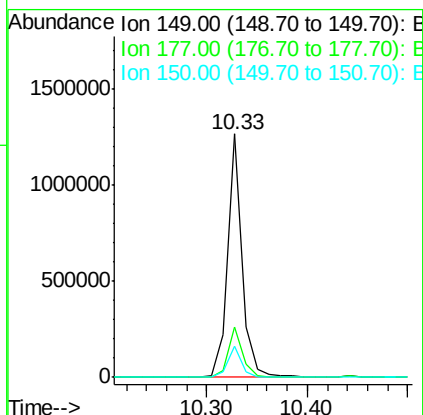
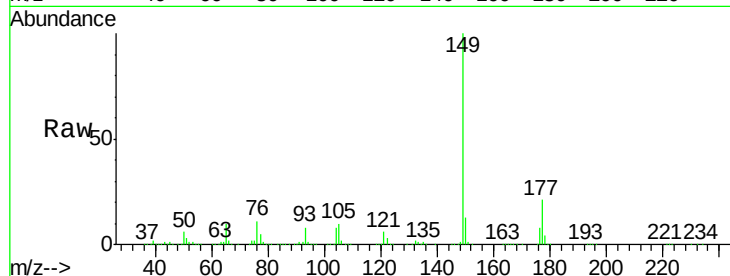




#59
Diethylphthalate
Concen: 36.52 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

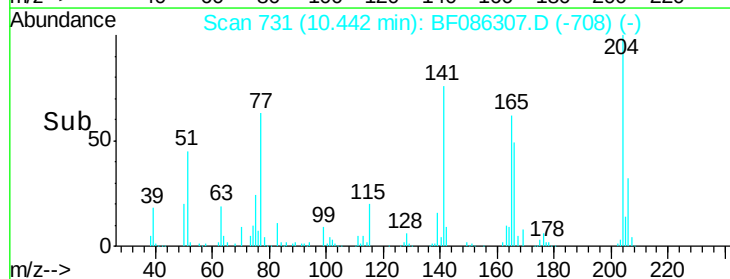
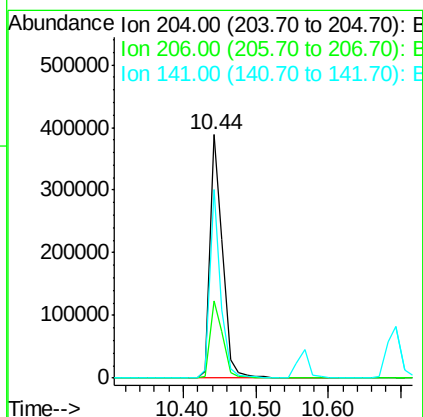
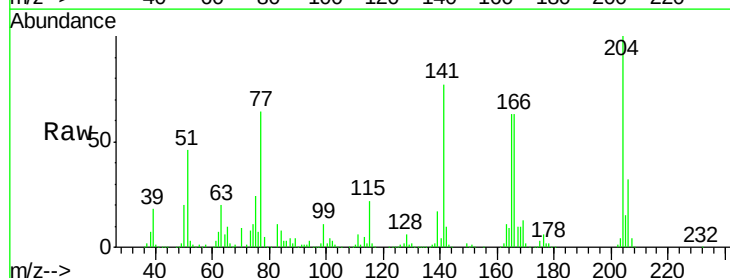
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

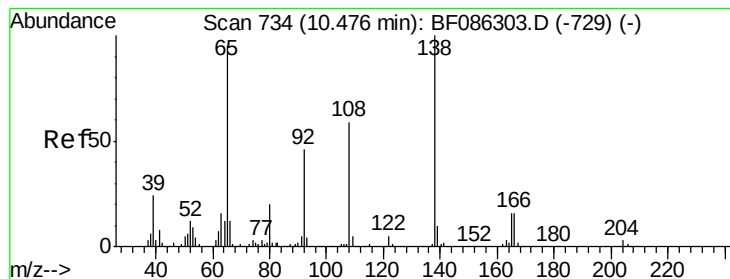
Tot Ion:149 Resp: 1270704
Ion Ratio Lower Upper
149 100
177 20.7 17.0 25.6
150 12.8 10.2 15.4



#60
4-Chlorophenyl-phenylether
Concen: 38.73 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:204 Resp: 461481
Ion Ratio Lower Upper
204 100
206 31.7 26.2 39.2
141 77.2 55.4 83.0





#61

4-Nitroaniline

Concen: 38.95 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

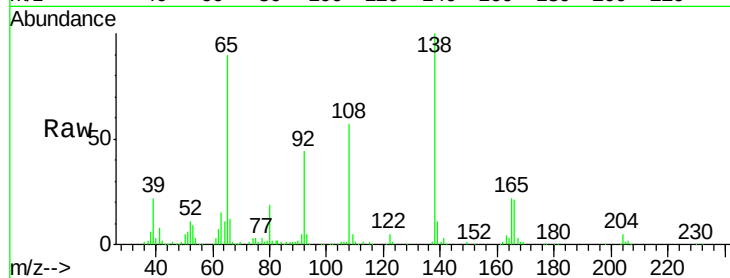
Tot Ion:138 Resp: 340264

Ion Ratio Lower Upper

138 100

92 43.7 31.9 71.9

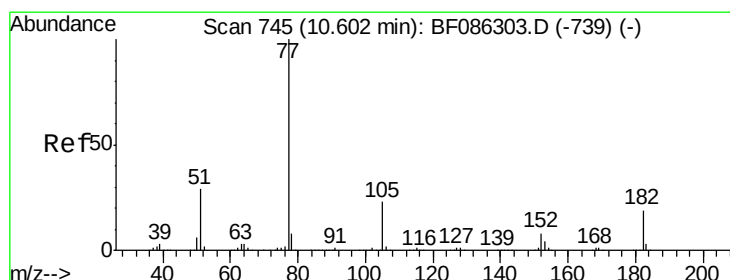
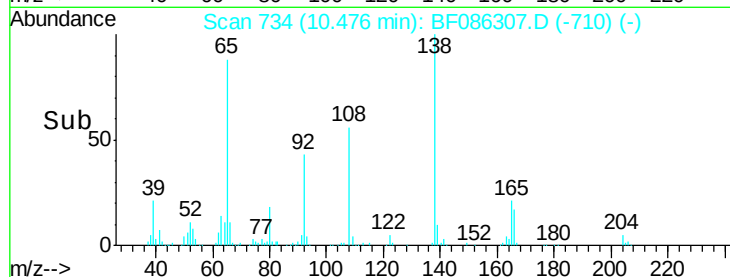
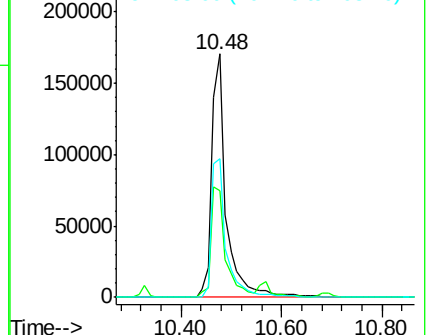
108 56.8 58.7 98.7#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 38.03 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion: 77 Resp: 1304497

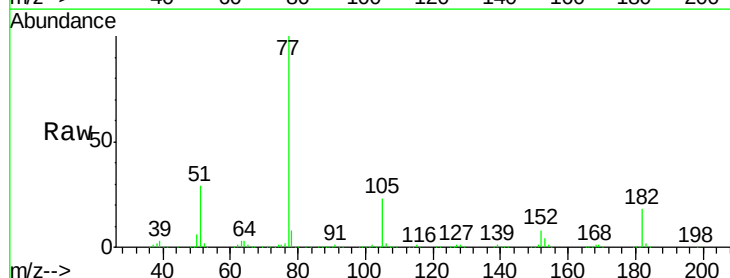
Ion Ratio Lower Upper

77 100

182 18.2 2.3 42.3

105 23.2 3.4 43.4

51 29.0 11.7 51.7

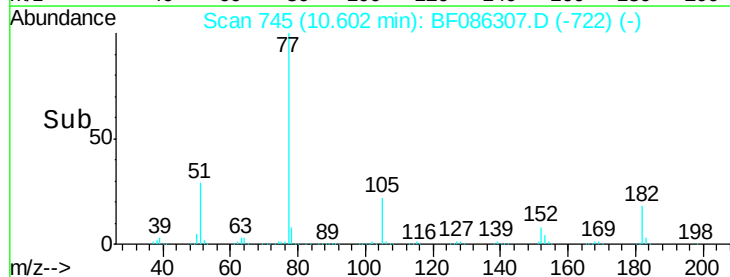
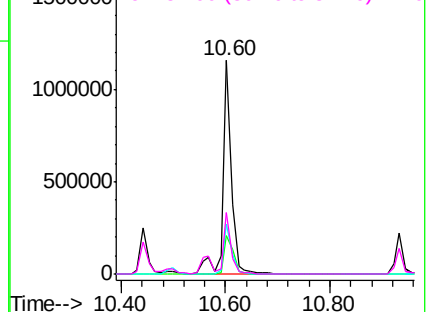


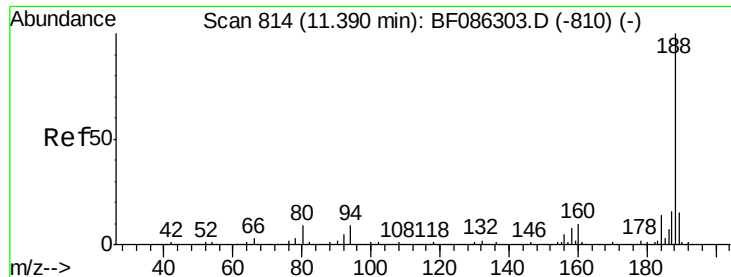
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

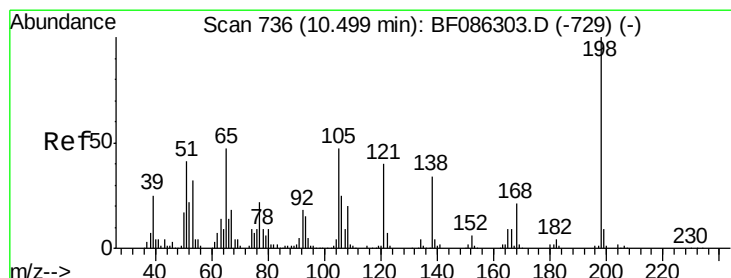
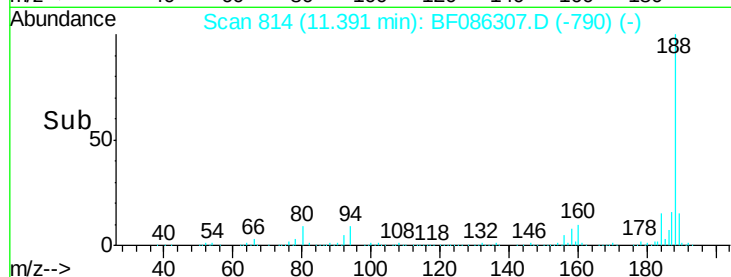
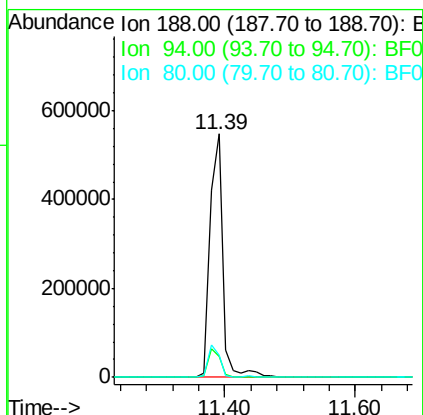
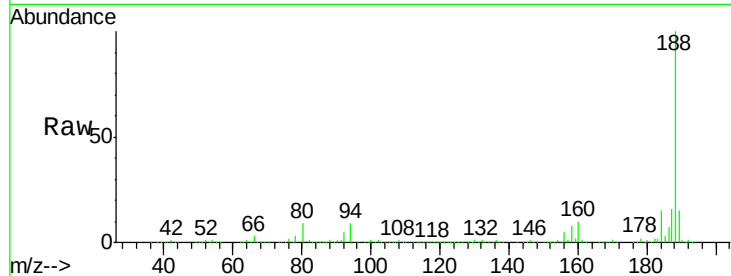




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

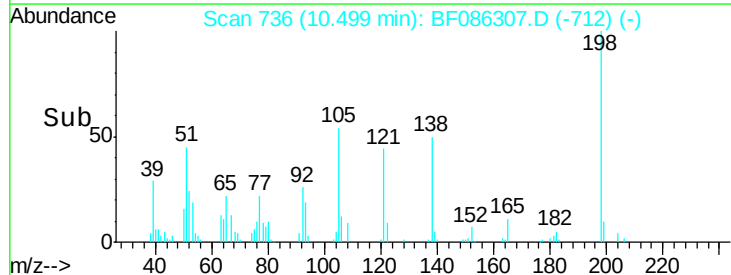
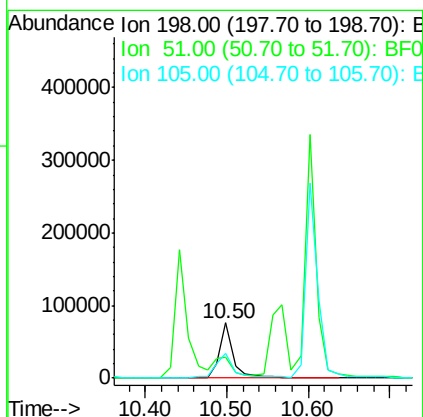
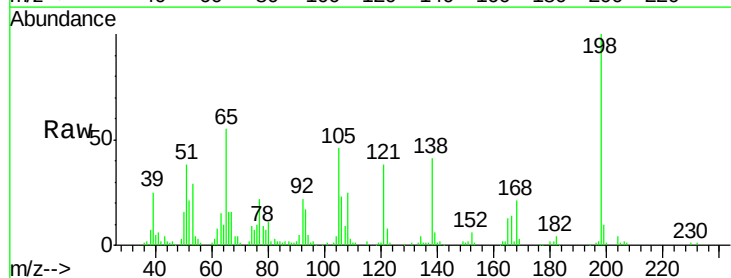
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

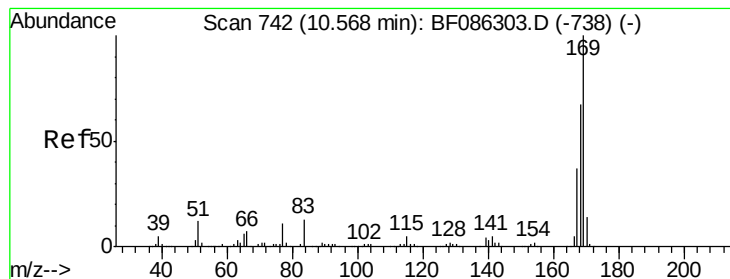
Tot Ion:188 Resp: 755215
Ion Ratio Lower Upper
188 100
94 8.8 9.8 14.8#
80 9.1 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 39.07 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:198 Resp: 89722
Ion Ratio Lower Upper
198 100
51 38.1 56.5 96.5#
105 45.5 48.0 88.0#





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

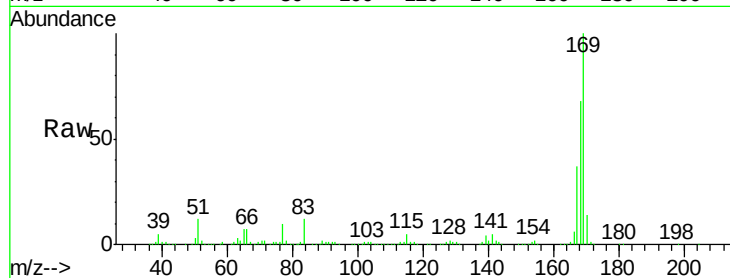
Tot Ion:169 Resp: 989323

Ion Ratio Lower Upper

169 100

168 68.2 54.3 81.5

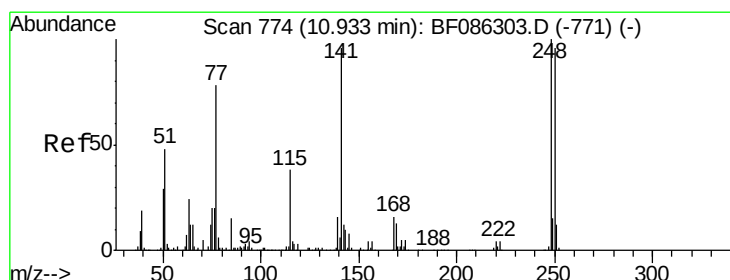
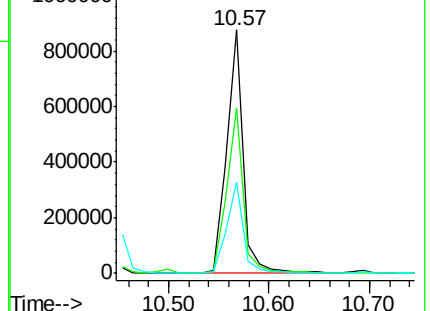
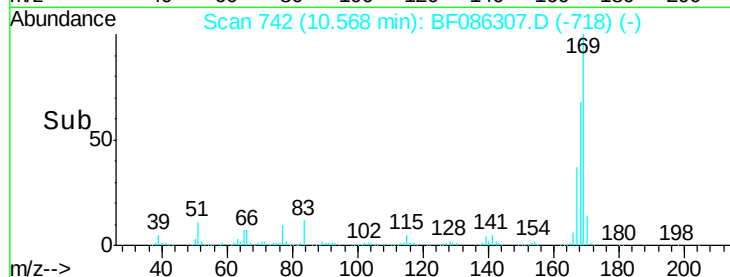
167 37.2 30.2 45.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.93 ng

RT: 10.93 min Scan# 774

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

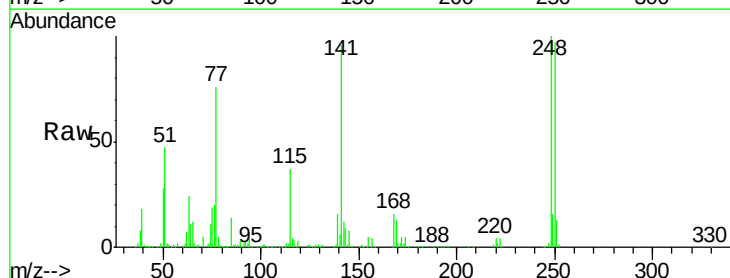
Tgt Ion:248 Resp: 299694

Ion Ratio Lower Upper

248 100

250 97.4 78.6 118.0

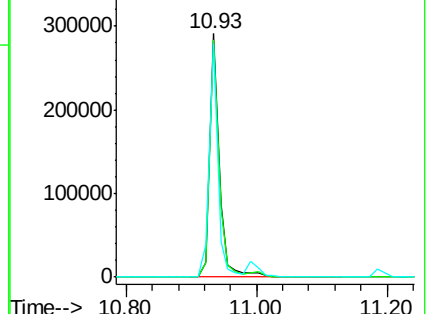
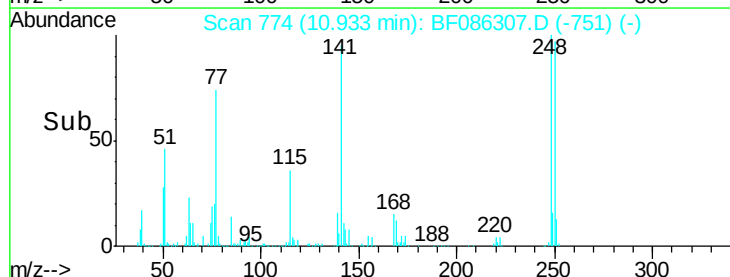
141 96.0 57.9 86.9#

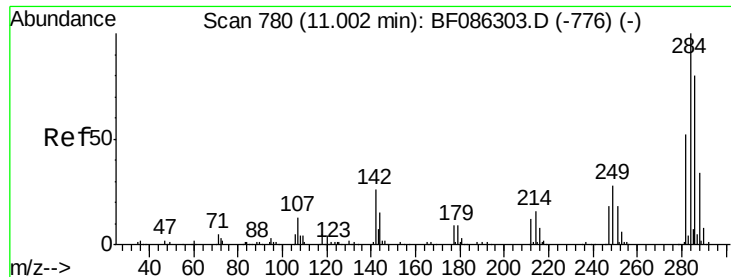


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

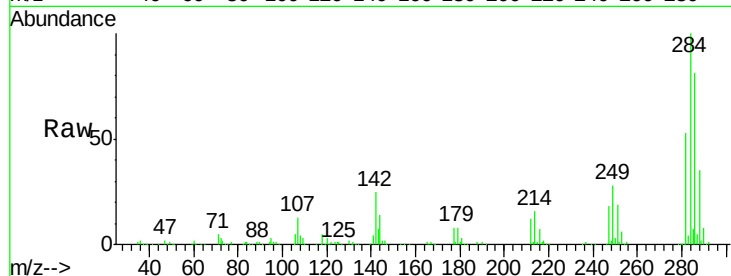




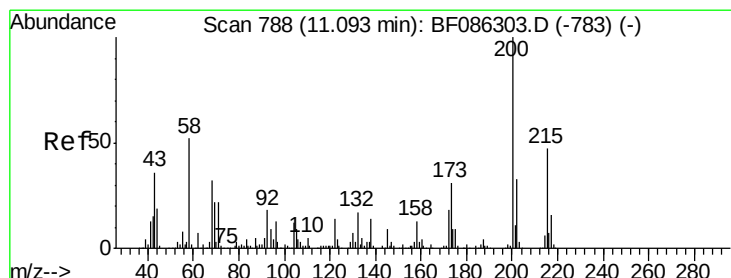
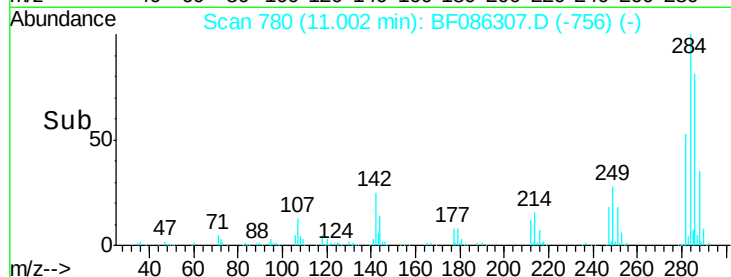
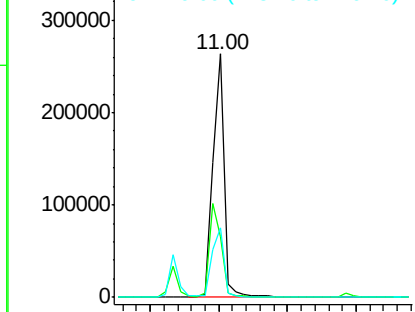
#67
Hexachlorobenzene
Concen: 37.44 ng
RT: 11.00 min Scan# 780
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Instrument :
BNA_F
ClientSampleId :
ICVBF042016

Tot Ion:284 Resp: 304951
Ion Ratio Lower Upper
284 100
142 24.9 42.6 64.0#
249 28.4 25.9 38.9

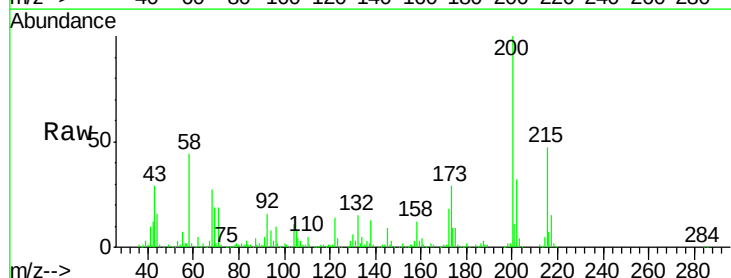


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

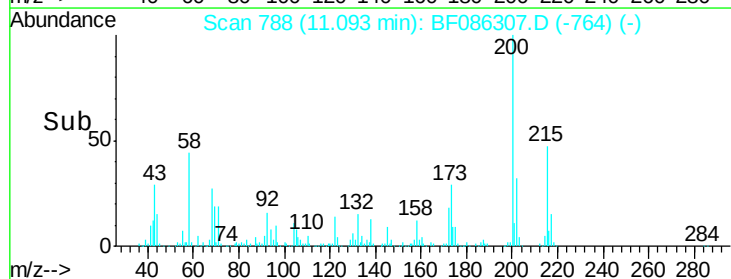
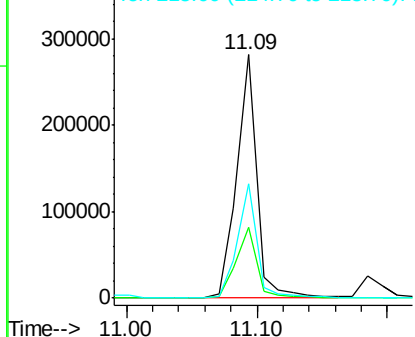


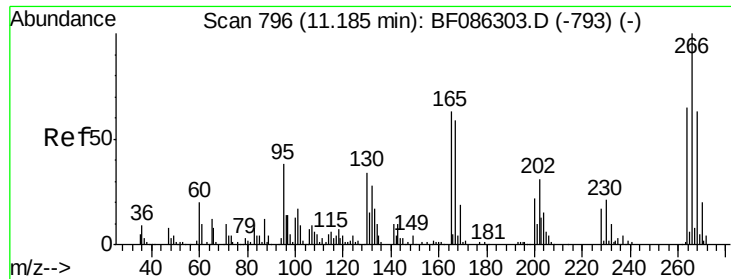
#68
Atrazine
Concen: 39.29 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.02 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:200 Resp: 300511
Ion Ratio Lower Upper
200 100
173 29.1 11.2 51.2
215 46.8 24.0 64.0



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

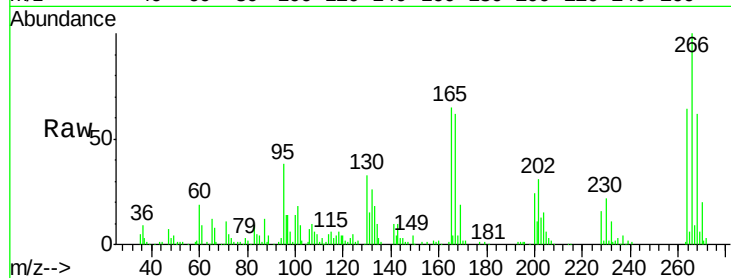




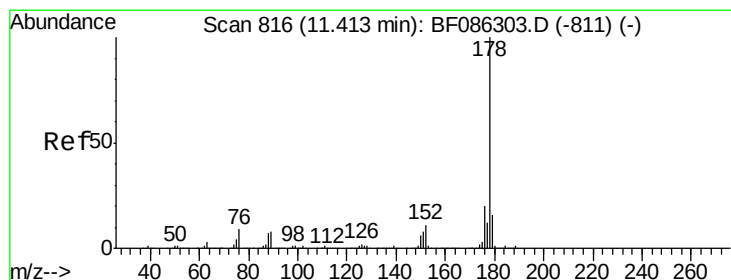
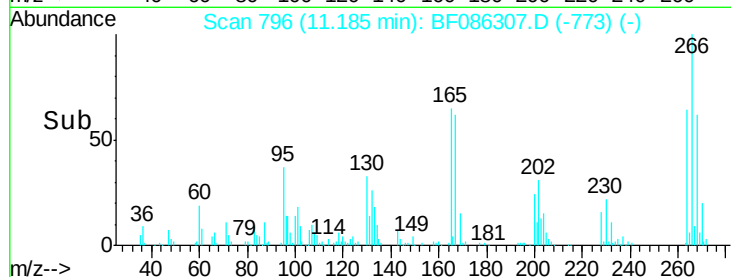
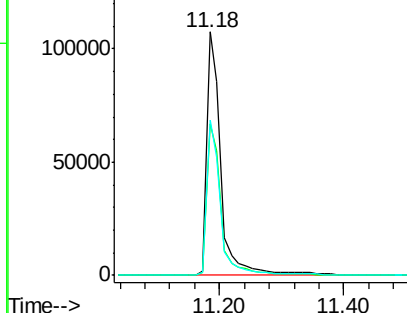
#69
 Pentachlorophenol
 Concen: 39.79 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

Tot Ion:266 Resp: 169740
 Ion Ratio Lower Upper
 266 100
 268 62.1 53.0 79.4
 264 63.8 51.3 76.9

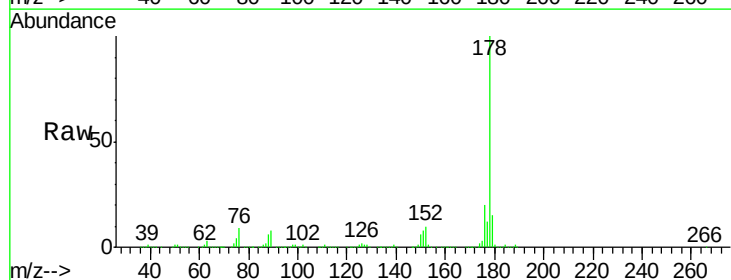


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

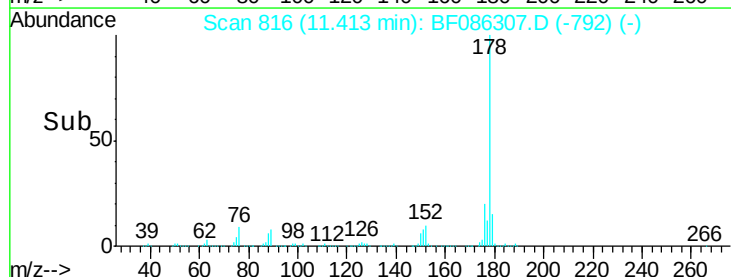
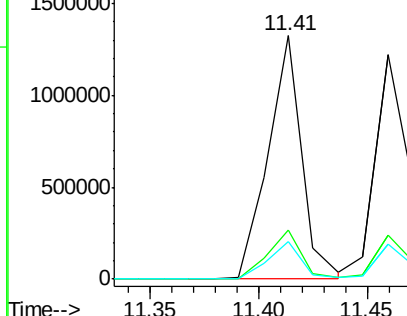


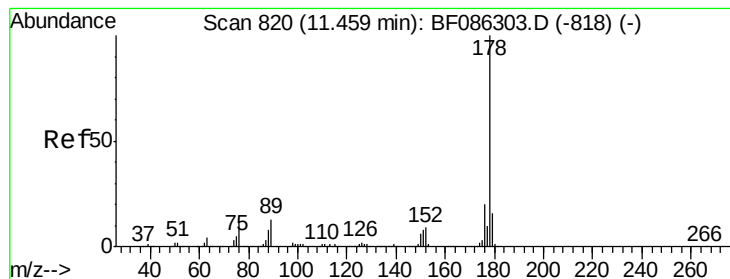
#70
 Phenanthrene
 Concen: 40.24 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:178 Resp: 1440037
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.3 24.5
 179 15.3 13.0 19.6



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





#71

Anthracene

Concen: 37.38 ng

RT: 11.46 min Scan# 820

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

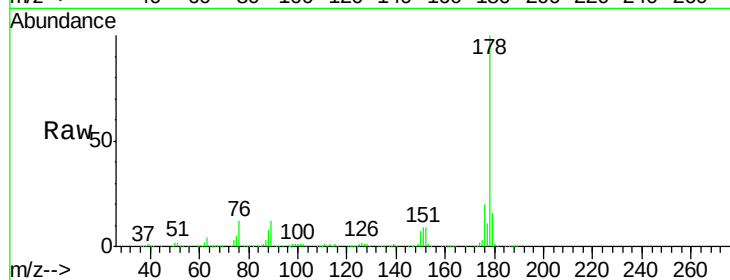
BNA_F

ClientSampleId :

ICVBF042016

Tot Ion:178 Resp: 1432667

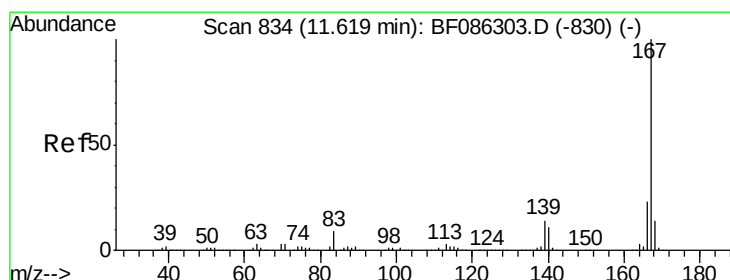
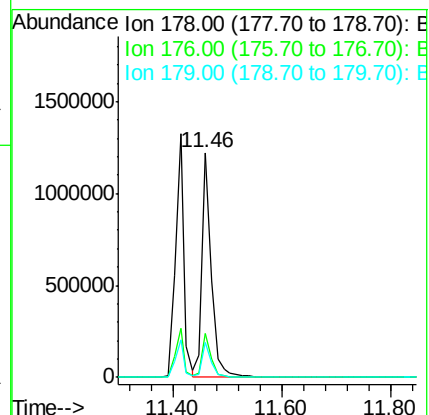
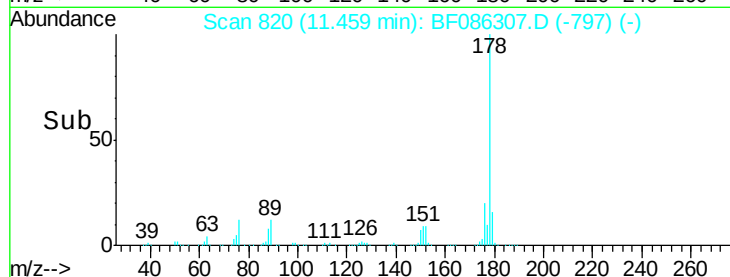
Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.8	13.2	19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.30 ng

RT: 11.62 min Scan# 834

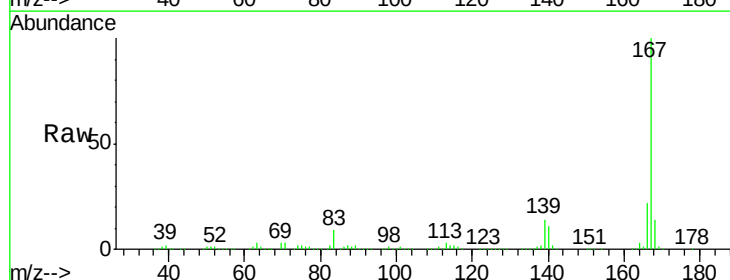
Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Tgt Ion:167 Resp: 1389152

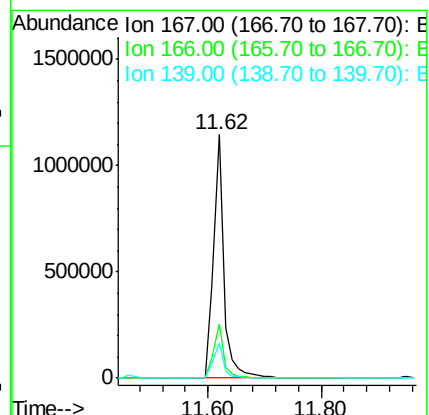
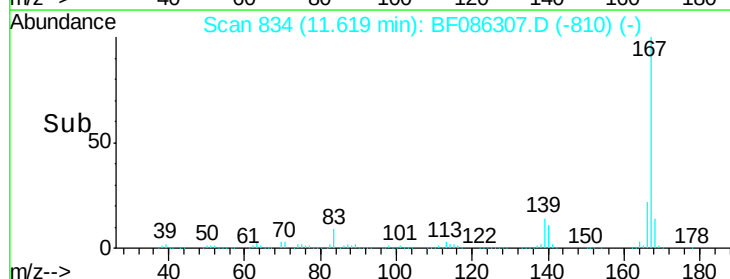
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.3	27.5
139	14.3	12.3	18.5

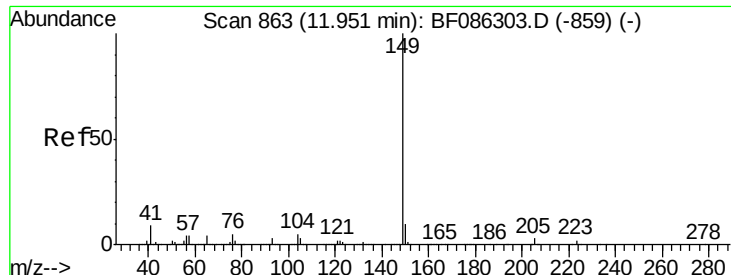


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.00 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

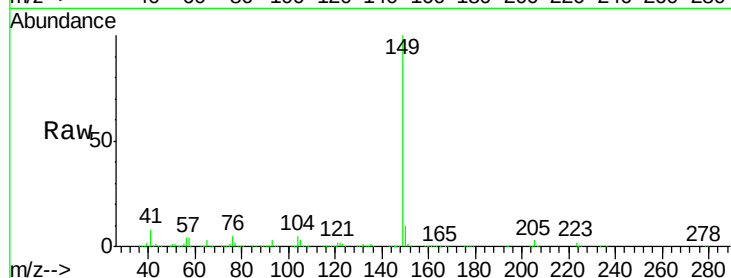
Tot Ion:149 Resp: 1820990

Ion Ratio Lower Upper

149 100

150 9.8 7.8 11.8

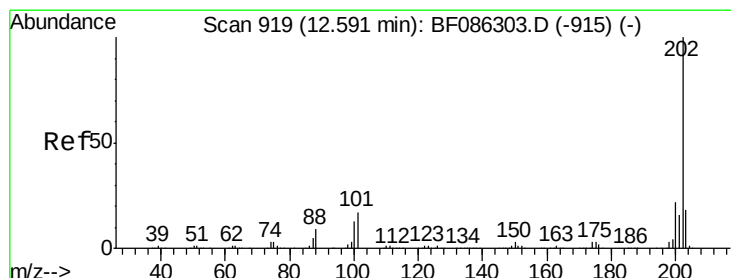
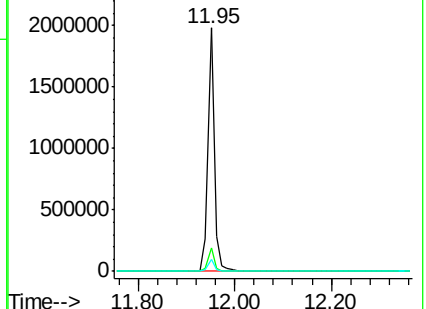
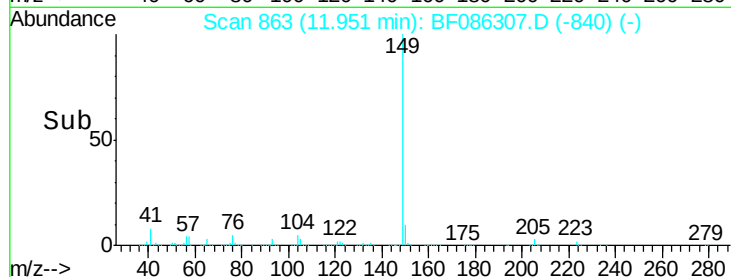
104 4.9 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.39 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

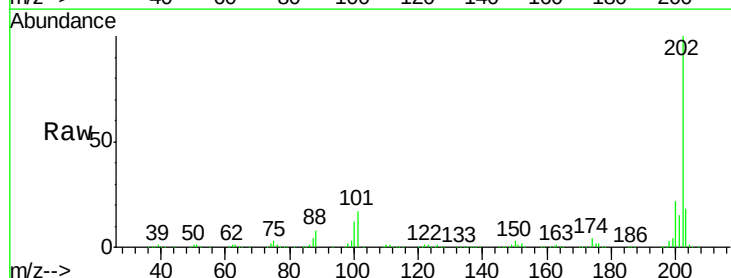
Tgt Ion:202 Resp: 1207355

Ion Ratio Lower Upper

202 100

101 16.7 0.0 35.2

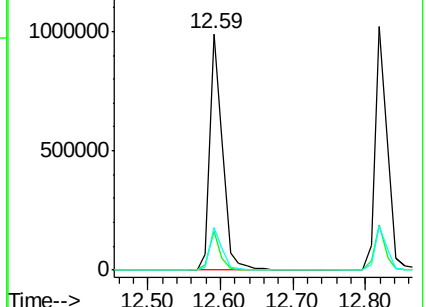
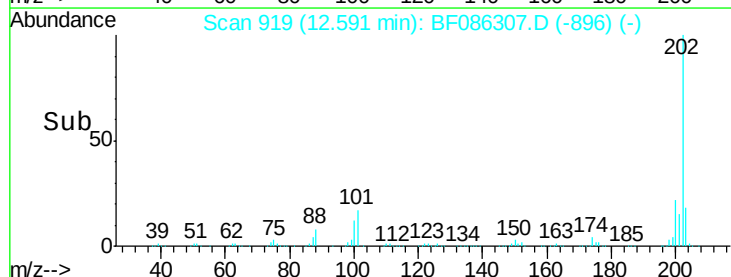
203 18.2 0.0 38.2

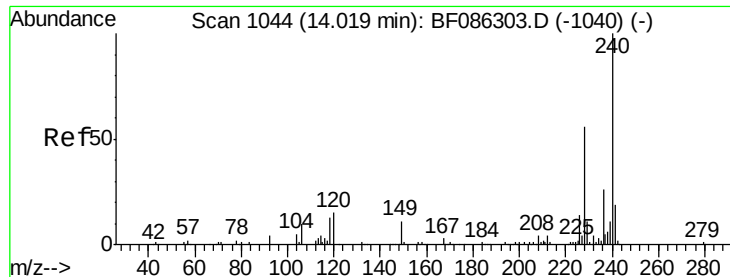


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

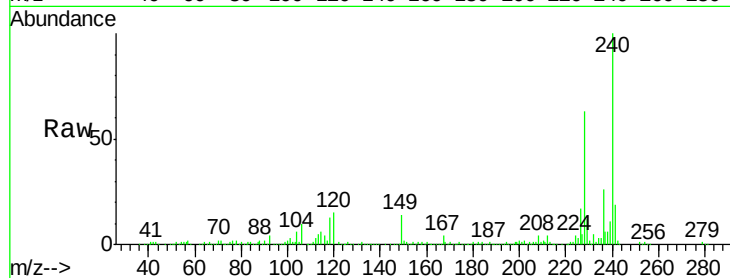
Tot Ion:240 Resp: 427455

Ion Ratio Lower Upper

240 100

120 15.3 9.3 13.9#

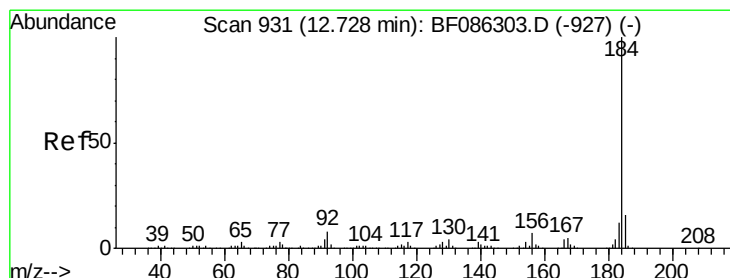
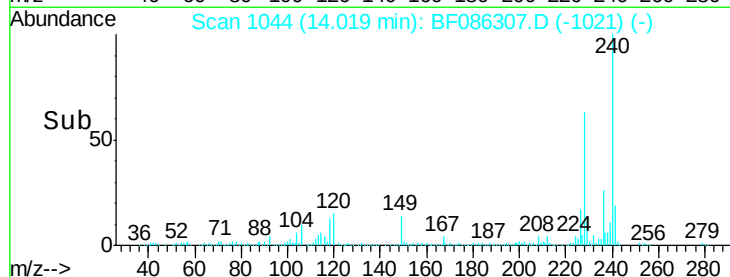
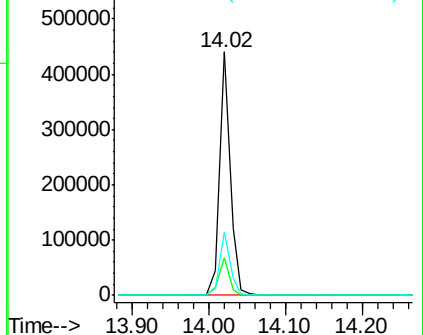
236 25.8 21.1 31.7



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: 37.79 ng

RT: 12.73 min Scan# 931

Delta R.T. -0.02 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

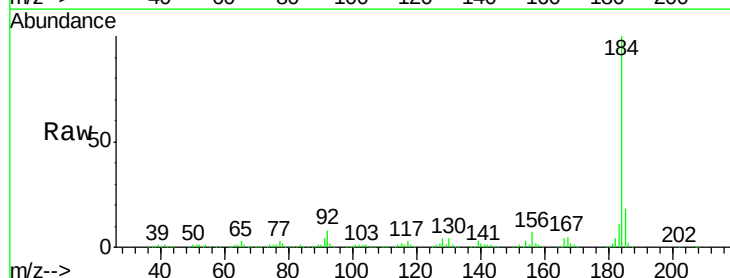
Tgt Ion:184 Resp: 713214

Ion Ratio Lower Upper

184 100

185 17.7 14.2 21.2

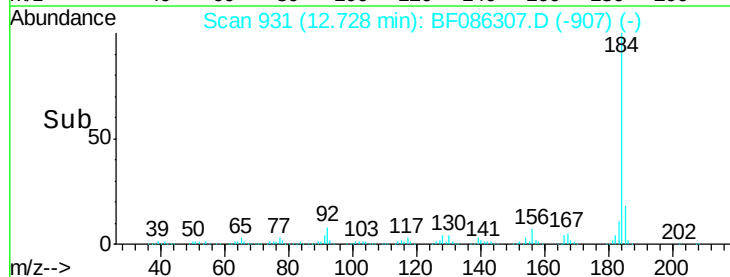
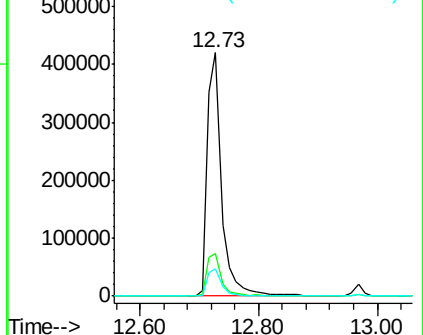
183 11.4 9.8 14.6

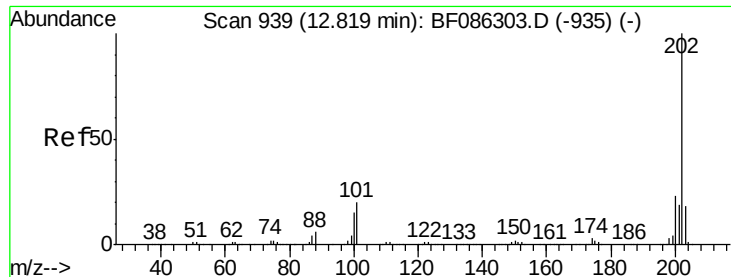


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.18 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

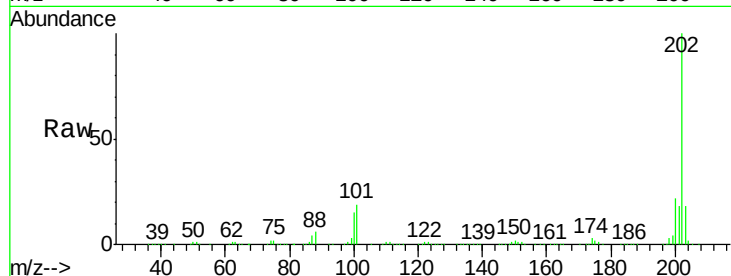
Tot Ion:202 Resp: 1178882

Ion Ratio Lower Upper

202 100

200 21.9 18.3 27.5

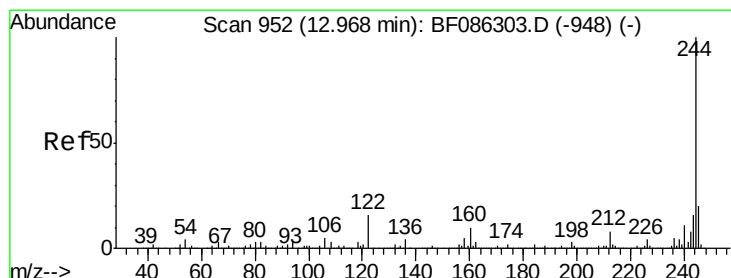
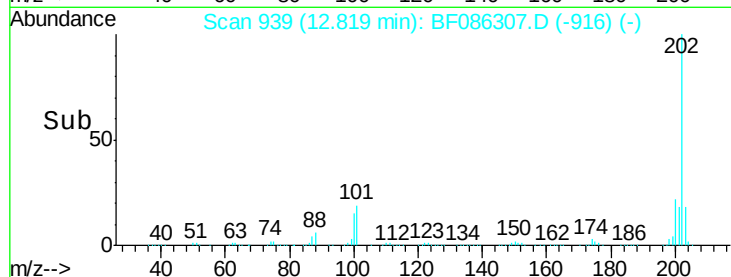
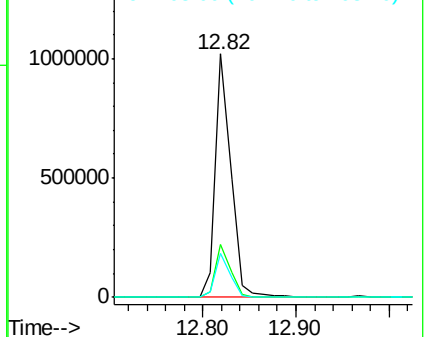
203 18.3 14.9 22.3



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: 74.46 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

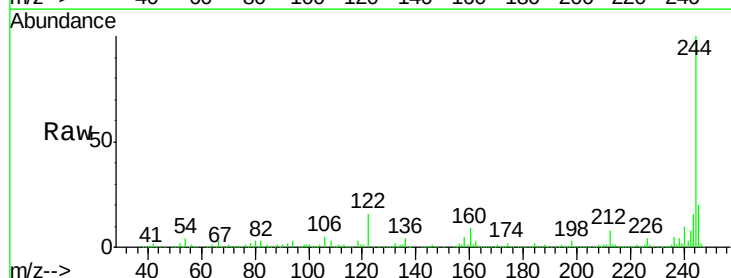
Tgt Ion:244 Resp: 1337188

Ion Ratio Lower Upper

244 100

212 7.8 6.4 9.6

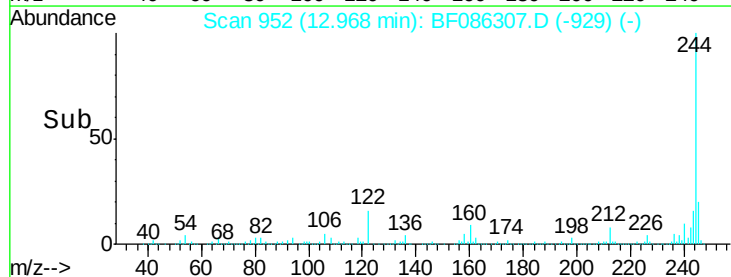
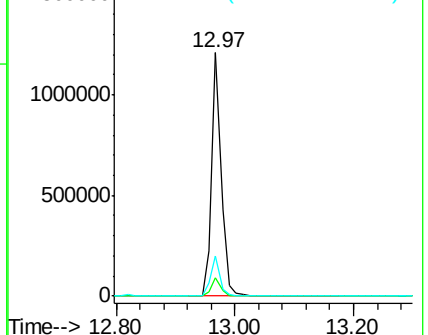
122 16.3 11.7 17.5

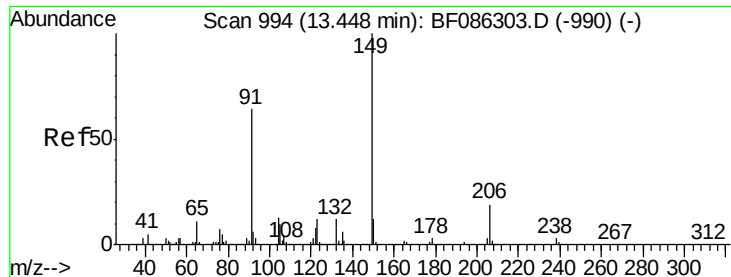


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

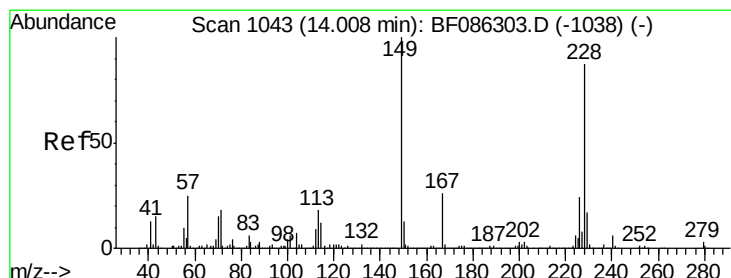
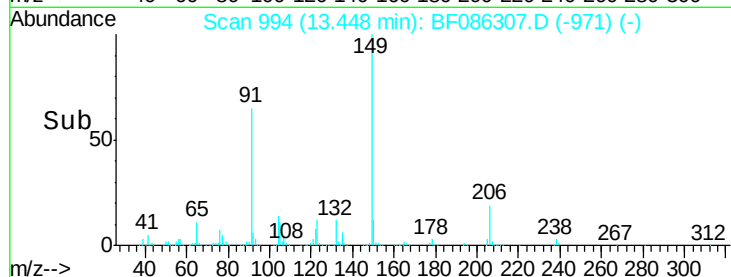
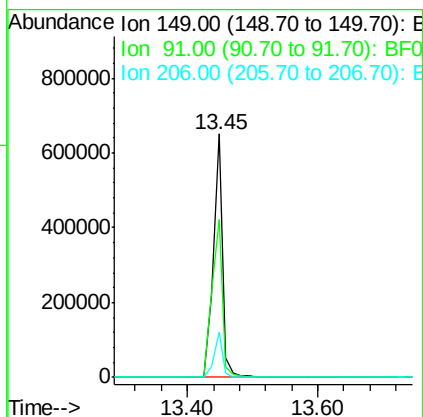
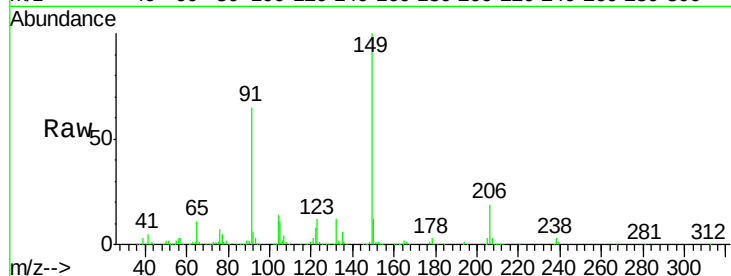




#79
Butylbenzylphthalate
Concen: 39.17 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

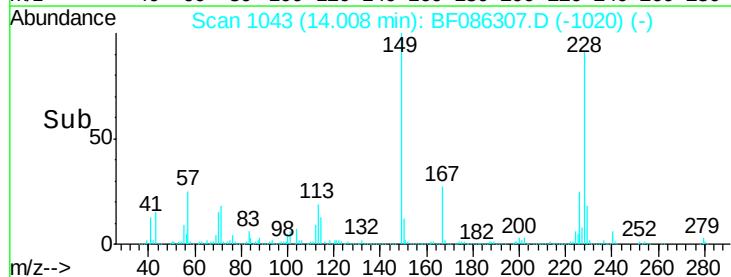
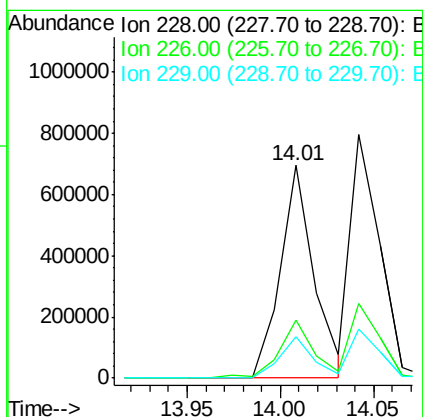
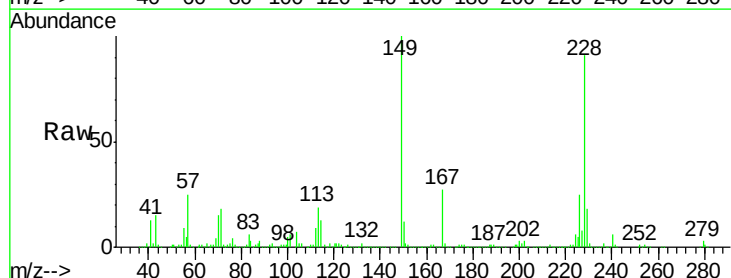
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

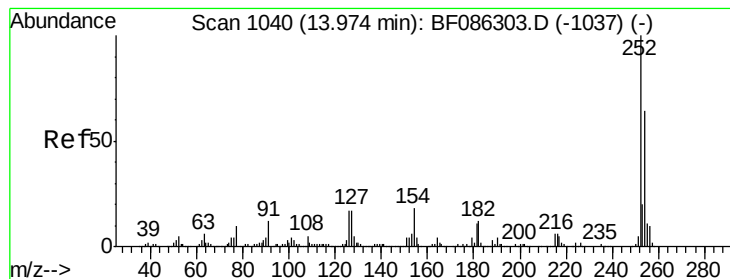
Tot Ion:149 Resp: 655611
Ion Ratio Lower Upper
149 100
91 65.0 48.7 73.1
206 18.6 15.7 23.5



#80
Benzo(a)anthracene
Concen: 38.87 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:228 Resp: 875200
Ion Ratio Lower Upper
228 100
226 27.3 22.5 33.7
229 19.6 16.2 24.2

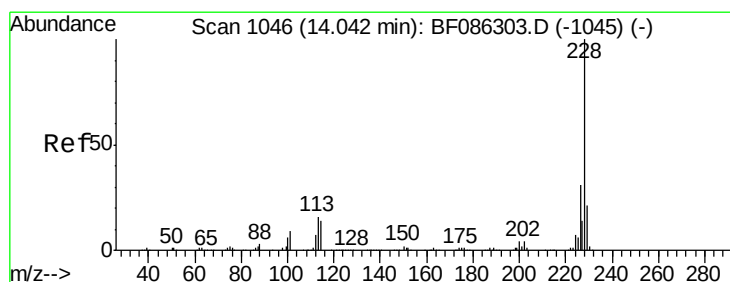
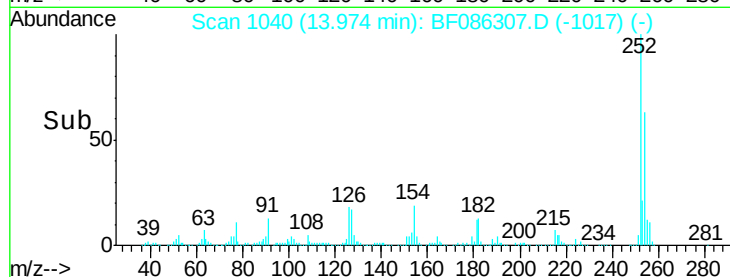
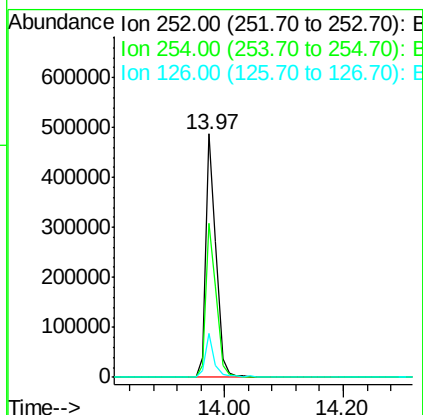
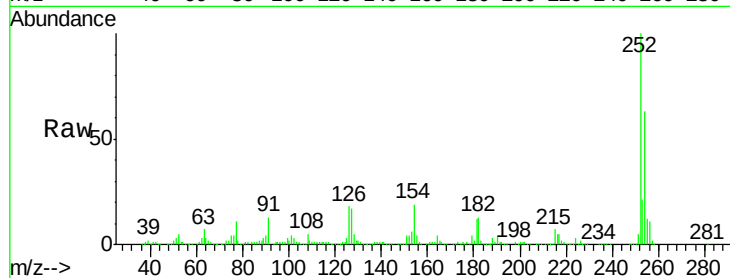




#81
 3,3'-Dichlorobenzidine
 Concen: 37.97 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

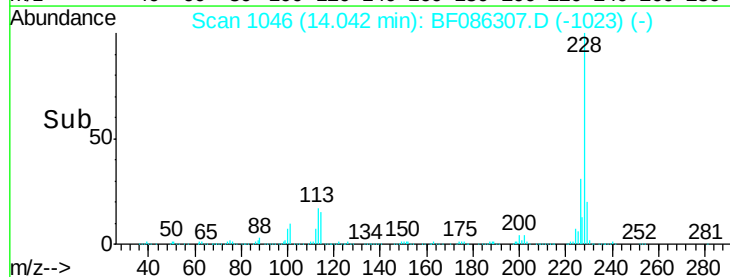
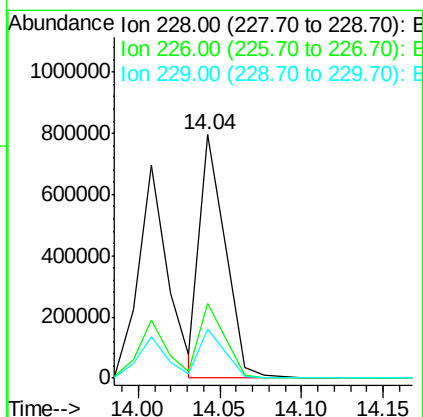
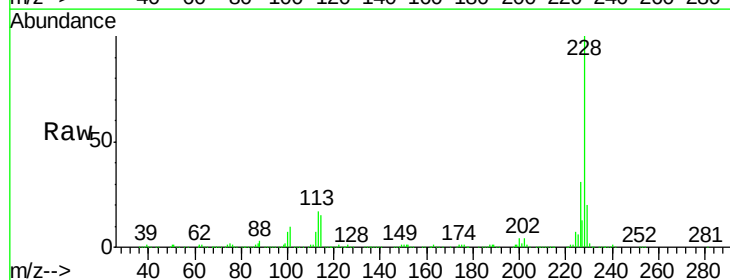
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

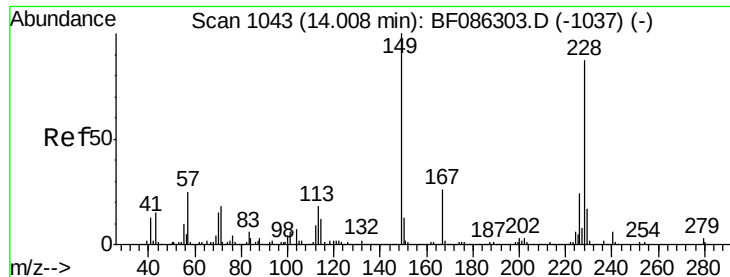
Tot Ion:252 Resp: 591415
 Ion Ratio Lower Upper
 252 100
 254 63.0 52.1 78.1
 126 18.0 13.2 19.8



#82
 Chrysene
 Concen: 35.95 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:228 Resp: 875014
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.4 38.2
 229 20.2 16.5 24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.24 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

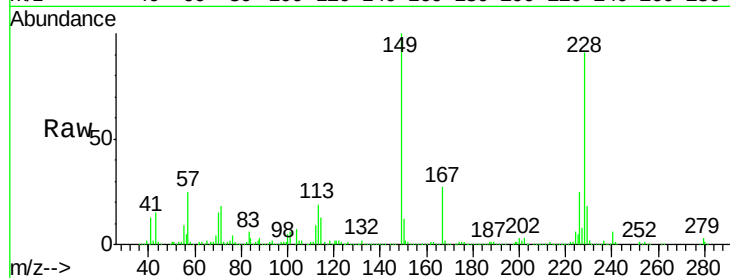
Tot Ion:149 Resp: 749473

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

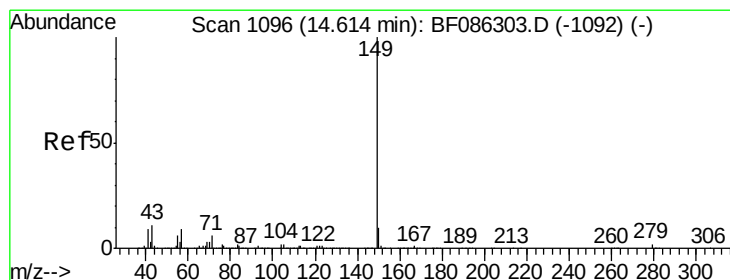
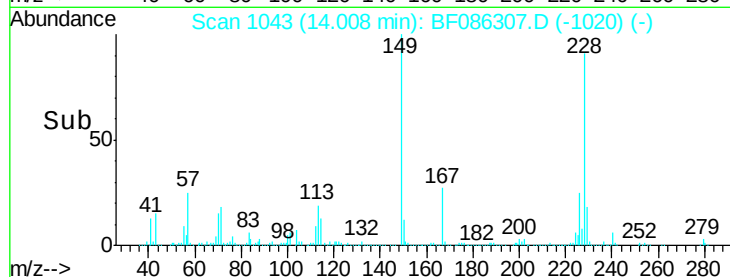
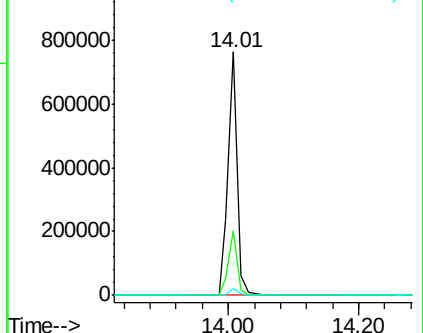
279 2.8 2.4 3.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.86 ng

RT: 14.61 min Scan# 1096

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

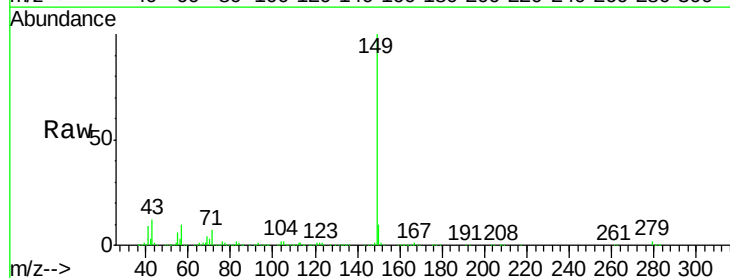
Tgt Ion:149 Resp: 1372791

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

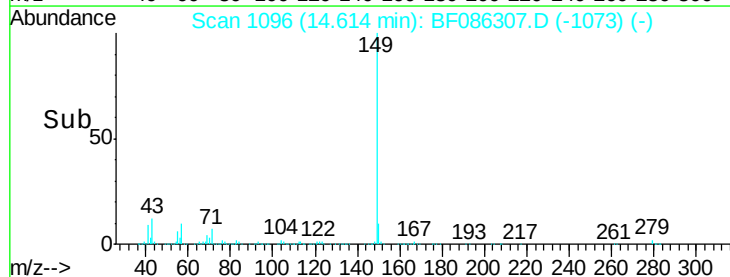
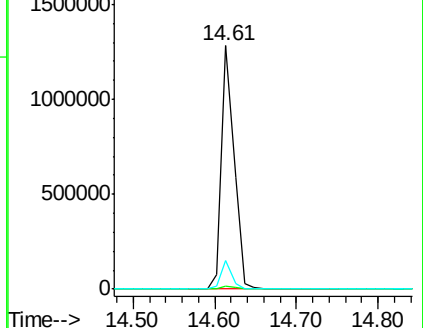
43 9.9 9.1 13.7

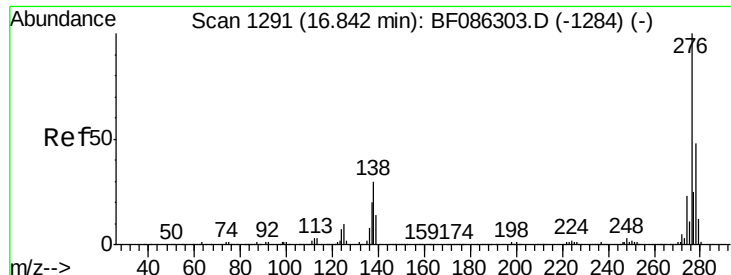


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

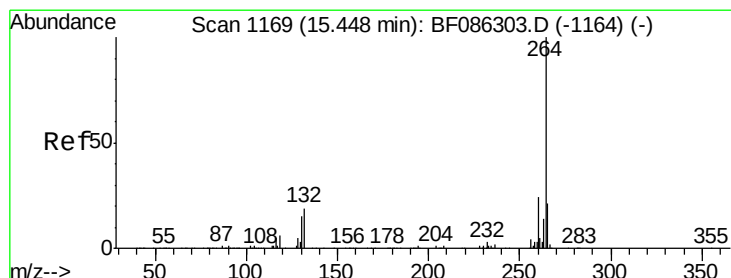
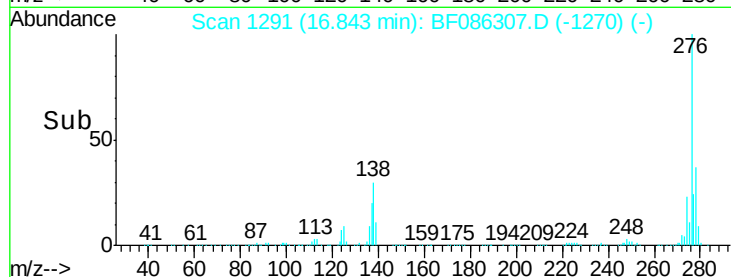
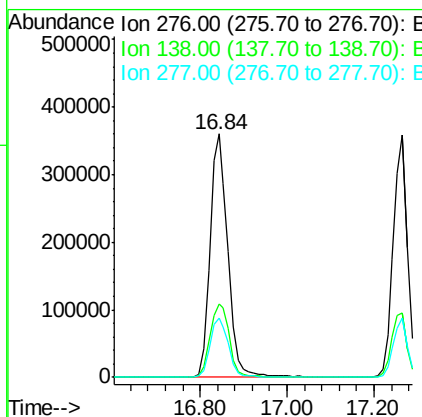
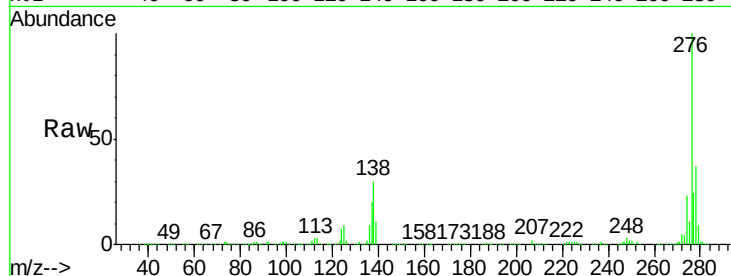




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.49 ng
 RT: 16.84 min Scan# 1291
 Delta R.T. -0.06 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

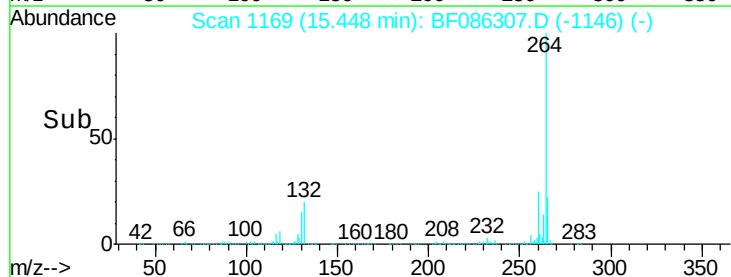
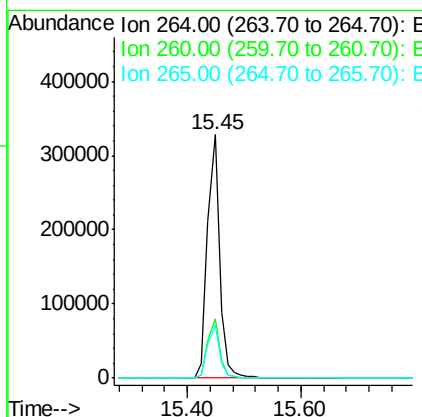
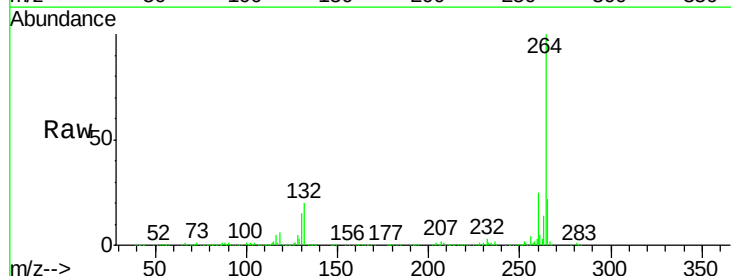
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF042016

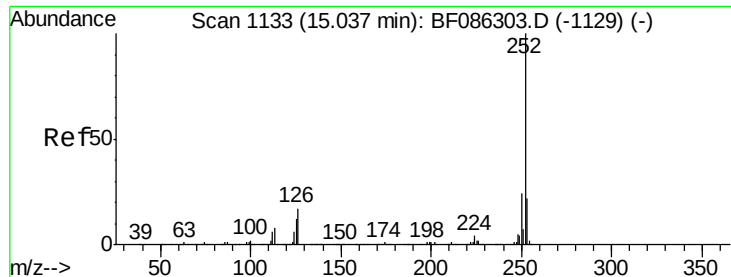
Tot Ion:276 Resp: 1038425
 Ion Ratio Lower Upper
 276 100
 138 32.9 23.8 35.6
 277 25.5 20.2 30.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1169
 Delta R.T. -0.03 min
 Lab File: BF086307.D
 Acq: 20 Apr 2016 14:13

Tgt Ion:264 Resp: 470825
 Ion Ratio Lower Upper
 264 100
 260 24.5 20.0 30.0
 265 21.6 17.4 26.0

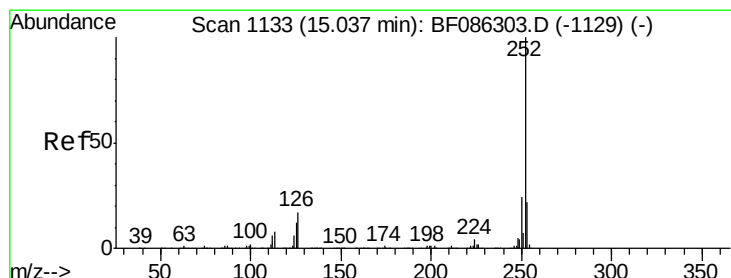
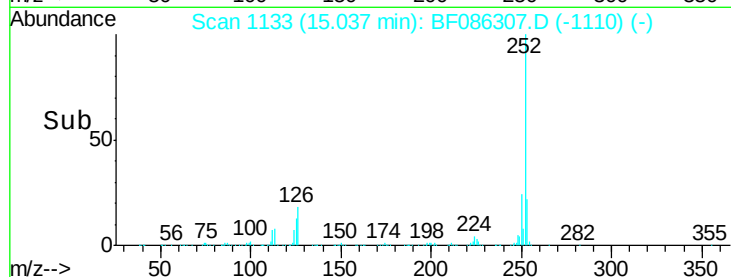
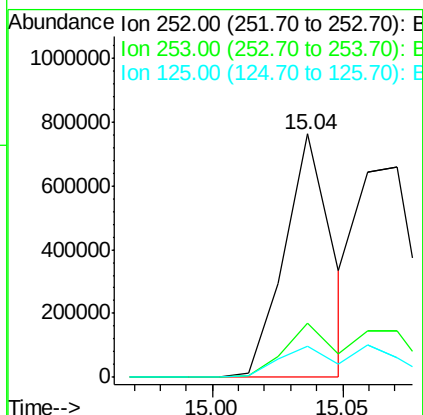
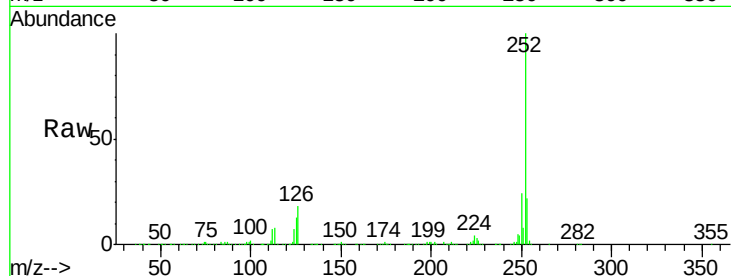




#87
Benzo(b)fluoranthene
Concen: 35.43 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.03 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

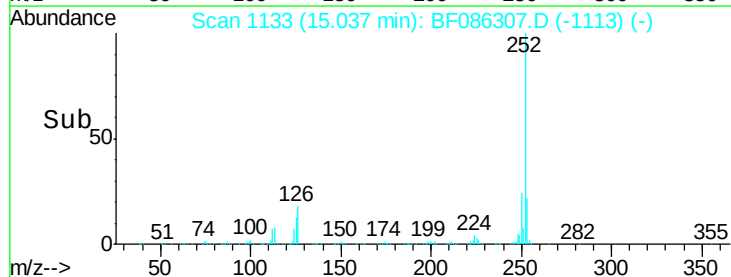
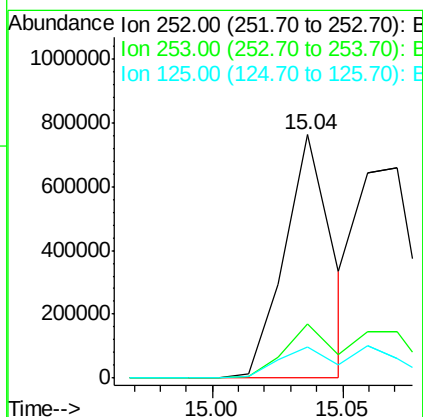
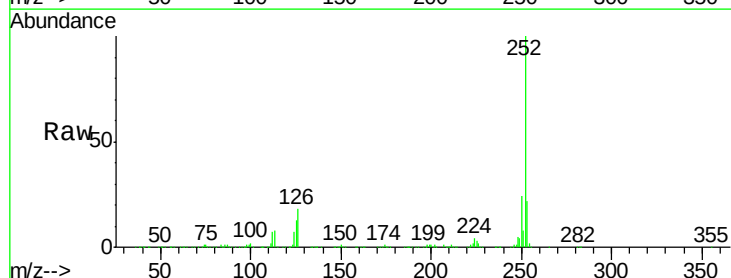
Instrument :
BNA_F
ClientSampleId :
ICVBF042016

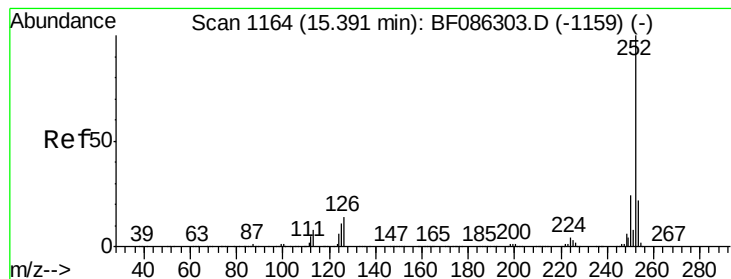
Tot Ion:252 Resp: 964794
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 12.8 10.3 15.5



#88
Benzo(k)fluoranthene
Concen: 42.08 ng
RT: 15.04 min Scan# 1133
Delta R.T. -0.07 min
Lab File: BF086307.D
Acq: 20 Apr 2016 14:13

Tgt Ion:252 Resp: 964794
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 12.8 7.8 11.6#





#89

Benzo(a)pyrene

Concen: 39.07 ng

RT: 15.39 min Scan# 1164

Delta R.T. -0.03 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

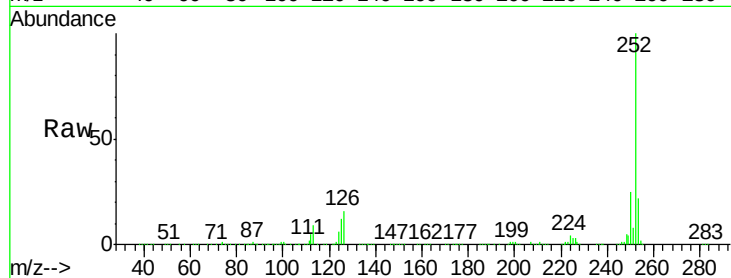
Tot Ion:252 Resp: 980707

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

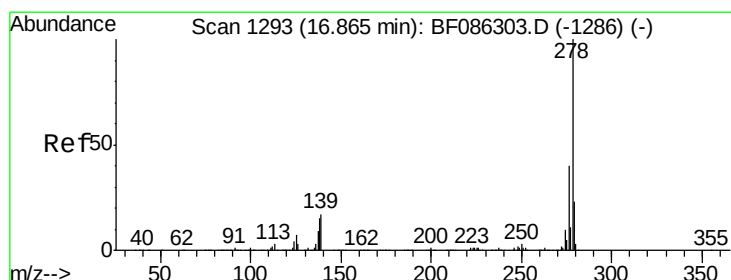
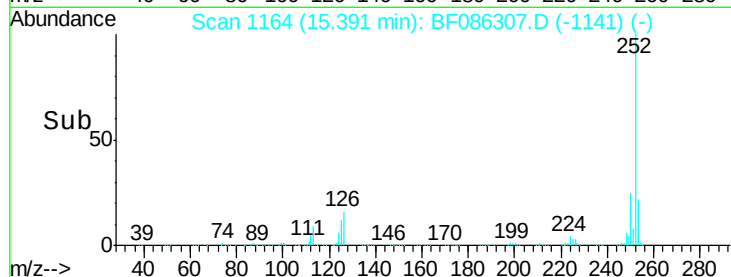
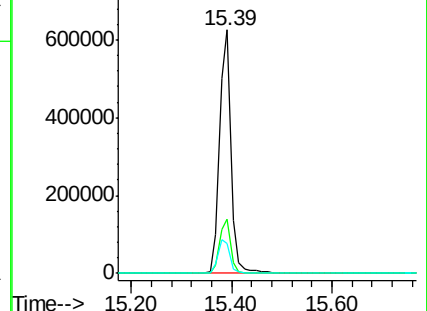
125 12.2 11.2 16.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.77 ng

RT: 16.87 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

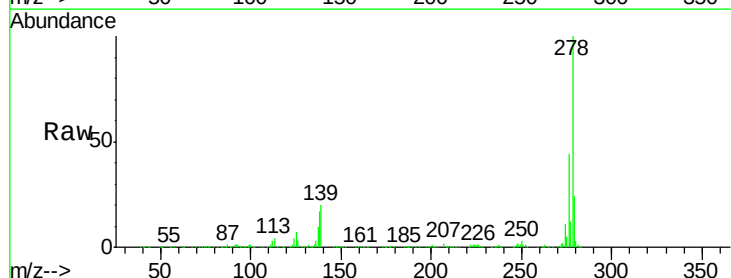
Tgt Ion:278 Resp: 871334

Ion Ratio Lower Upper

278 100

139 19.6 15.3 22.9

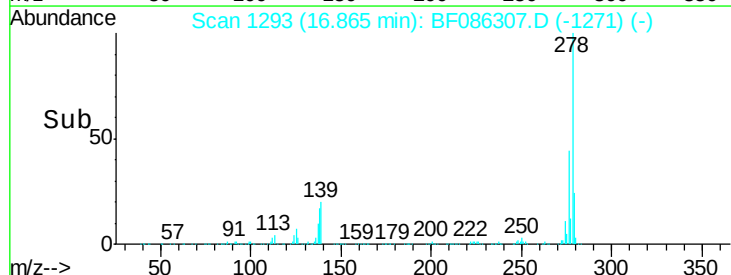
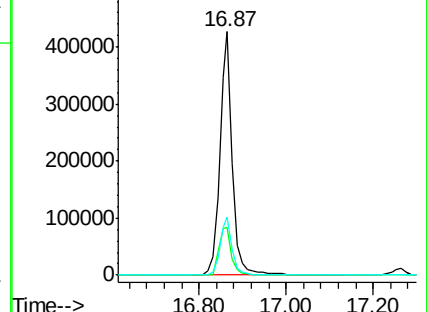
279 24.0 19.1 28.7

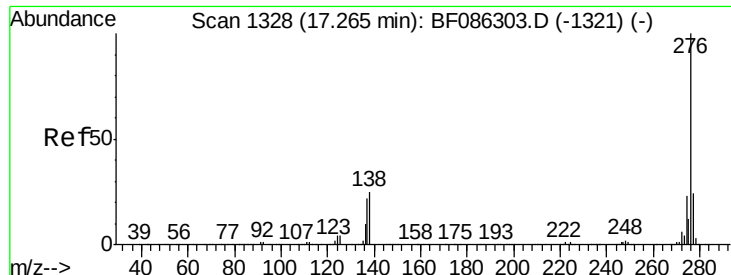


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.89 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.06 min

Lab File: BF086307.D

Acq: 20 Apr 2016 14:13

Instrument :

BNA_F

ClientSampleId :

ICVBF042016

Tot Ion: 276 Resp: 837912

Ion Ratio Lower Upper

276 100

277 24.4 19.0 28.6

138 26.8 19.6 29.4

